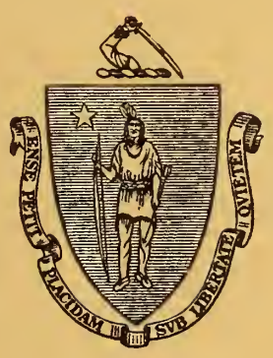
THE COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF EDUCATION

STATE TEACHERS COLLEGE

FITCHBURG, MASSACHUSETTS



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THE COMMONWEALTH OF MASSACHUSETTS

STATE TEACHERS COLLEGE
FITCHBURG, MASSACHUSETTS

Elementary Department
Junior High School Department
Practical Arts Department
(Four year course leading to degree of B. S. in Education)
(Advanced courses leading to degree of M. S. in Education)

1937 -- 1938

The Department of Education

James G. Reardon

Commissioner of Education

Patrick J. Sullivan

Director, Division of Elementary and Secondary Education and State Teachers Colleges

George H. Varney

Business Agent

William J. O'Keefe

Supervisor of Office Organization

Members of Advisory Board

Term Expires

1937 Alexander Brin, 319 Tappan Street, Brookline
1937 Thomas H. Sullivan, Slater Building, Worcester
1938 Mrs. Anna M. Power, 15 Ashland Street, Worcester
1938 Mary E. Murray, 1 Merrill Street, Cambridge
1939 P. A. O'Connell, 155 Tremont Street, Boston
1939 Roger L. Putnam, 132 Birnie Avenue, Springfield

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College Administration Building

CALENDAR

1937—38

January 25, 1937—Second Semester begins

February 27 to March 7, inclusive—Vacation

March 26, 1937—Good Friday

April 19, 1937—Patriots Day

May 1 to May 9, inclusive—Vacation

May 15, 1937—Alumni Reunion

May 31, 1937—Memorial Day

June 3 and 4, 1937—Entrance Examinations

June 11, 1937—Commencement

June 29 to July 3—State Conference Week

July 6 to August 13—Summer Session

September 13 and 14—Entrance Examinations

September 20—First Semester begins

October 12—Columbus Day

Nov. 5—Teachers Convention

November 11, 1937—Armistice Day

November 24 (noon) to November 28, inclusive—Thanksgiving Recess

December 23 (noon) to January 2, inclusive—Christmas Vacation

January 21, 1938—First Semester ends

January 24, 1938—Second Semester begins

February 22, 1938—Washington's Birthday

February 26 to March 6, inclusive—Vacation

April 15, 1938—Good Friday

April 19, 1938—Patriots Day

April 30 to May 8, inclusive—Vacation

May 14, 1938—Alumni Reunion

May 30, 1938—Memorial Day

June 2 and 3, 1938—Entrance Examinations

June 6, 1938—Commencement

FACULTY

Charles M. Herlihy (1927) — President
Boston College—A.B., A.M., LL.D
Boston Normal School—Diploma
Boston University and Harvard—Courses

ELEMENTARY AND JUNIOR HIGH SCHOOL DEPARTMENTS

Preston Smith (1895) — Physical Science
Bridgewater Normal School—Diploma (Four Years)
Harvard, Clark, Teachers School of Science, Tufts—Courses

Mary A. McConnell (1897) — Arithmetic and English
Boston University—B.S.
North Adams City Training School—Diploma
Harvard, Columbia, Rochester—Courses

Sarah E. Lamprey (1908) — Fine Arts
Columbia University—B.S.
Fitchburg Normal School—Diploma (Four Years)
Boston University, New York University—Courses

Katherine M. McCarty (1911) — English
Fitchburg Normal School—Diploma (Four Years)
Northern University, Emerson, Boston University—Courses

Florence D. Conlon (1919) — Fine Arts
Boston University—B.S.
Fitchburg Normal School—Diploma
Columbia, University of Chicago—Courses

Arthur C. Harrington (1919) — History, Civics, Sociology
Boston University—A.B.
Clark University—A.M.

John L. Randall (1920) — Biological Sciences
University of New Hampshire—B.S., M.S.

Cora M. Hassell (1922) — Librarian, Library Economy
Hyannis Normal School—Diploma
Simmons, Boston University—Courses

Marion L. Webster (1923) — Geography
Columbia University—B.S., A.M.
Bridgewater Normal School—Diploma
Harvard, Clark—Courses

RALPH F. WESTON (1926) — Mathematics, Economics
University of New Hampshire—A.B., A.M.
Fitchburg Normal School—Diploma
Harvard—Courses

GERTRUDE E. BRADT (1927) — Dean of Women, Ethics
Columbia University—B.S., A.M.

CLINTON E. CARPENTER (1928) — Education, Director of Training Schools
Boston University—B.S., Ed.M.
Bridgewater Normal School—Diploma

HARRY F. PERCIVAL (1928) — Psychology and Measurement
Ottawa University—A.B.
University of Kansas—A.M.
Harvard University—Ed.M., Ed.D.

JOSEPHINE A. BOLGER (1929) — Physical Education
Boston University—B.S.
Sargent School of Physical Education—Diploma
Harvard Medical School, Bode School (Warvemunde, Germany)—Courses

BELLE M. NIXON (1932) — English
University of Chicago—A.B.
Columbia University—A.M.
George Peabody Teachers College, University of Chicago, Washington University—Courses

DOROTHY STAFFORD (1932) — Assistant, Physical Education
Boston University—B.S.
Sargent School of Physical Education—Diploma

VIRGINIA C. JOYCE (1934) — Penmanship
Boston University—B.S.
Salem Teachers College—Diploma
Resigned in August, 1936

MIRIAM ELDRIDGE (1935) — Music
Boston University—B.S.
Advanced Courses at Boston University

RALPH H. COLSON (1935) — Physical Education
Boston University—B.S.
Resigned in October, 1936

JOSEPH HEALY (1936) — Physical Education
Niagara University—Ph.B.

WILLIAM J. RINEHART (1936) — Penmanship
University of Pittsburgh—B.S., M.A.

PRACTICAL ARTS DEPARTMENT

WILLIS B. ANTHONY (1909) — Director
Massachusetts School of Art—B.S.
Massachusetts School of Art—Diploma (Four Years)

CHARLES E. AKELEY (1910) — Woodfinishing
Foreman and Painting Contractor—Five Years
Business College—Diploma
Army College, Fort Leavenworth, Officers Training School—Courses
Resigned in December, 1936

C. BLAIR MACLEAN (1920) — Drafting, Guidance
Stout Institute—B.S.
University of Michigan, Clark University—Courses

LAWRENCE E. LANDALL (1923) — Woodworking
Cabinet Making and Carpentry—Eight Years
Bradley Polytechnic Institute—Courses

ARTHUR E. PURINTON (1926) — Metal Working
Trade Experience, Metal Working—Ten Years
Bradley Polytechnic Institute—Courses

CLIFFORD W. HAGUE (1933) — Printing
Printing Experience—Seven Years
Lawrence College—A.B.
University of Minnesota, Harvard University—Courses

JAMES J. HAMMOND (1937) — Home Mechanics, Woodfinishing
Fitchburg Teachers College—B.S.
Harvard—Courses

SCHOOLS OF OBSERVATION AND PRACTICE

Junior High School

EDWIN R. CLARK (1931) — Science, Principal
Clark University—A.B.
University of Illinois—A.M.
Harvard University, Boston University—Courses

ANNA E. SIMMONS (1925) — Geography, Science
Clark University—B.Ed., A.M.

LINA GRAMMONT (1927) — French, English
Fitchburg Normal School—Diploma
Resigned in August, 1936

GERTRUDE M. CUNNINGHAM (1928) — History, Civics
Boston University—B.S. M.Ed.
Fitchburg Normal School—Diploma
Boston University—Courses

HENRY P. HEALY (1929) — English, Latin
Holy Cross College—A.B.
Boston University—Ed.M.

EDWARD T. KNOWLES (1930) — Mathematics, Jr. Business Training
Bridgewater Teachers College—B.S.
Harvard—Tufts Universities—A.M.

GERTRUDE L. FISKE (1931) — Household Arts
Connecticut State College—B.S
Columbia University—A.M.

CHARLES G. HAPGOOD (1934) — Mathematics, Physical Education
Boston University—B.S.
Fitchburg Normal School—Diploma
Resigned in January, 1937

VERNA WHITE (1936) — English, French
Wheaton College—A.B.
University of Michigan—A.M.

JOSEPH E. UNDERWOOD, JR. (1937) — Mathematics, Physical Education
Holy Cross College—A.B.
Fitchburg Teachers College—B.S.

EDGERLY SCHOOL—FIRST SIX GRADES

LOUISE WINGATE (1929) — Principal
Boston University—B.S.
North Adams Normal School—Diploma
Harvard, Boston University—Courses

ELMA M. JOHNSON (1919) — Supervisor
Harvard University—Adj.A.
Fitchburg Normal School—Diploma (Four Years)

IRENE L. SMITH (1925) — Supervisor
Worcester Normal School—Diploma
Harvard, Rochester—Courses

RACHEL S. BRUCE (1927) — Supervisor
Columbia University—B.S.
Fitchburg Normal School—Diploma

ELIZABETH QUATTLANDER (1935) — Supervisor
Boston University—B.S., M.S.Ed.
Fitchburg Normal School—Diploma

D. M. DILLON SCHOOL—FIRST SIX GRADES

MARIE M. GEARAN (1922) — Principal
Fitchburg Teachers College—B.S.
Fitchburg Normal School—Diploma (Four Years)
Boston University—Courses

KATHERINE F. MCCONNELL (1918) — Supervisor
North Adams City Training School—Diploma
Columbia, Rochester, Harvard—Courses

M. CHARLOTTE MAHONEY (1932) — Supervisor
Hyannis Teachers College—B.S.
Lowell Teachers College—Diploma
Columbia University—Courses

ADMINISTRATION

MAUD A. GOODFELLOW (1898) — Chief Clerk, Registrar
Fitchburg Normal School—Diploma
Fitchburg Normal School, Payson Heights, Simmons, Harvard—Courses

HELEN M. O'HORO (1921) — Senior Clerk, Secretary
Fitchburg Normal School—Diploma

RAUHA WAYRYNEN (1929) — Clerk, Secretary
Fitchburg Normal School—Courses

CORNELIUS E. GEARY, M.D. — Medical Examiner
Harvard Medical School

State Teachers College
FITCHBURG, MASSACHUSETTS

STATE PROGRAM IN TEACHER TRAINING

The state of Massachusetts provides a comprehensive program of professional preparation for teaching in ten Teachers Colleges. The Department of Education has established uniform policies governing the administration of these colleges to insure the best possible training for teachers of children in the public schools.

Since the founding of the first normal school in America at Lexington ninety eight years ago, Massachusetts has adhered strictly to the principle that such schools should be conducted solely for teacher training and not for the more general purpose of furnishing higher education of an academic type.

Admission to a Teachers College is therefore restricted to high school graduates who wish to specialize in the field of teacher preparation. Reasonably high standards of scholarship in secondary school work are required for admission by certificate or examination. In addition, every applicant must pass a physical examination by the school physician and present evidence of possessing those traits of character and personality essential to teaching.

CURRICULA

The State Teachers College at Fitchburg offers three curricula leading to the degree of Bachelor of Science in Education in preparation for teaching in Elementary Schools, Junior High Schools, and Practical Arts classes.

GRADUATE SCHOOL PROGRAM

The Department of Education has authorized the establishment at Fitchburg of a program of graduate work leading to the degree, Master of Education.

Candidates for admission to the Graduate School will be mailed, on request, a special bulletin containing detailed information about the requirements and the curricula which have been organized for four groups of teachers, viz: Graduates of the Elementary Course, Junior High Course and Special Departments such as Industrial Arts, Household Arts, Music, Commercial Work as well as graduates of Liberal Arts Colleges.

Qualified candidates from these fields may enroll in any of the courses offered in the regular session and the summer school. Plans are now being formulated for a diversified program with majors in Education, English, Mathematics, Social Studies, Science and Industrial Arts.

Inner Campus

BUILDINGS AND GROUNDS

The State Teachers College at Fitchburg, founded in 1895, has a desirable site, covering over twenty acres of land in a residential section that is convenient to the center of the city. The location is 600 feet above sea level with extensive views and is recognized as a healthy environment for Teachers College work. The campus points to Mt. Wachusett to the south and Pearl Hill to the north.

The main campus includes the Administration building (1896) which contains the administrative offices, class rooms, library, laboratories, locker rooms and rest rooms for commuting students, and gymnasium; two dormitories—Miller Hall for Women (1903), Palmer Hall for Men (1912); a modern heating plant (1925); Athletic Field (1924); the Greenhouse, gift of Mr. George H. Hastings (1915). Vegetable and flower gardens, shrubbery and trees provide excellent opportunity for Nature Study. The new Practical Arts Building with fully equipped shops was opened for classes in September of 1936. A training school for elementary grades—Edgerly School (1899);—Teachers College Junior High (1909). In addition to the two training schools on the main campus the college has the use and direction of an additional elementary school owned by the city and situated in the immediate neighborhood, the D. M. Dillon School. The Cowdrey Nursery School is conducted here also. Six hundred children are enrolled in these three training schools. These unusual facilities constitute undoubtedly one of the most desirable and helpful features of the Fitchburg program.

Tentative plans have been accepted for a new gymnasium which will provide adequate facilities for men and women students. This building will be located on the south side of the athletic field, which has a playing area of approximately 7 acres. The facilities will serve the dual purpose of training prospective teachers in the right habits of healthful living and in addition give the professional training which teachers need in directing programs of physical education in public schools. It is hoped that an inner campus may be developed on the north side of the administration building.

STUDENT HEALTH SERVICE

The health of the student is checked by a complete physical examination by the physician on admission to College and by a re-examination in the senior year.

Following these examinations physical defects must be corrected. If a permanent disability is found after the entrance examination, a student is refused admission. During the four years, super-

vision is made of each student through the Department of Health and Physical Education, the Deans, and Nurse. The school physician makes periodic visits to check the students brought to his attention. The resident nurse is on duty at the Infirmary in one of the dormitories to give necessary attention at any time to men and women students.

RECREATION

The health of students is carefully supervised during the four year course by faculty members in the Department of Health and Physical Education and by the registered nurse.

Intra-mural and intercollegiate tournaments are scheduled for men students under the supervision of the Department of Physical Education and Student Athletic Council. The sports included are Soccer, Basketball, Ice Hockey, Tennis, Track, and Baseball.

Similar intra-mural tournaments, in games suitable for women students, are held. These are conducted and managed by the Women's Athletic Association under the supervision of the Department of Physical Education. The games in sports include Field Hockey, Soccer, Badminton, Hiking, Basketball, Bowling, Softball, Tennis, Archery and Golf.

SUMMER SESSION

The Summer Session offers courses in both the General and Practical Arts Department. It affords opportunity for teachers in service to advance beyond normal training and to broaden their outlook. Graduate courses leading to the degree of Master in Education will be offered for the first time during the Summer Session of 1937.

Experienced teachers are admitted to summer school without examination or certification, but credit towards a degree will be given only to those who have complied with the regular admission requirements.

GUIDANCE

Freshman adjustment to college life is facilitated through ethics courses, conferences with deans, and a system of upper class sponsorship. Scholastic guidance during this year is based upon the results of freshman achievement and intelligence tests, previous school record and personnel work centering in the deans' offices.

At the end of the sophomore year a faculty steering committee, through personal and group conferences, assists each student in choosing his field for specialization.

EXTRA-CURRICULA AND SOCIAL

A student at Fitchburg automatically belongs to three organizations: his class, the athletic asssociation, and the student government association. These sponsor many student activities. In addition special interests find expression through the following clubs: Gaveleers, Mohawks, Epsilon Pi Tau (Honorary scholastic in Practical Arts), Dramatic Club, Art Club, Typo Club, Debating Club, Mens' Glee Club, Womens' Glee Club, Orchestra, Band, The Hickory Stick.

Outstanding among their contributions to general campus enjoyment this year have been "The Mikado" by the joint Glee Clubs and Orchestra, "Nothing But The Truth" by the Dramatic Club, Carl Sandburg (presented by the Gaveleers), and the Gav-Mohawk Formal.

Annually student delegates are sent to the Columbia Scholastic Press Association at Columbia University, the Eastern-States Association of Professional Schools for Teachers in New York City, the New England Conference of Student Government Associations and the Athletic Conference of Massachusetts Teachers Colleges.

Trips to Boston to visit the Museum of Fine Arts and other collections, to attend grand opera or a play, are occasional features of club or class planning.

The entire student body meets twice a week for regular college assembly programs. A joint committee of faculty and students prepares the schedules of speakers and entertainment. These assemblies provide helpful, stimulating information on live, current issues in addition to the valuable training of students in the conduct of large meetings.

EXPENSES

SEMESTER FEE—There is an annual fee of $50.00. Of this amount $25.00 must be paid at the opening of the college in September, and $25.00 on February 1st.

Non-residents of Massachusetts are required to pay an additional fee of $125.00 at the begining of each semester.

BOARD—Rates for board and room are established by the State Department of Education. The present annual rate is $300.00 payable as follows: Opening of school, September, $90.00; December 1, $70.00; February 1, $70.00; April 1, $70.00. Arrangements may be made to pay monthly, i. e. $30.00 the first of each month in advance.

OTHER STUDENT EXPENSES—In addition to fixed expenses student groups establish minimum dues for membership. The principal items of expense are class dues, athletic association dues for men and women, and dues for dormitory students' association, day students' association, and special club groups. The total assess-

ment for such memberships does not vary appreciably from year to year. The average amount for women is $7.00 and for men $15.00.

Students in Practical Arts Department pay about $10.00 per semester for materials used in projects which are made in the shops and which become the property of each student.

TEXTBOOKS AND SUPPLIES—Students are expected to meet the expense of all necessary textbooks and supplies, at an approximate expense of $25.00 a year.

ALL PAYMENTS MUST BE MADE STRICTLY IN ADVANCE WITHOUT THE PRESENTATION OF BILLS.

COURSES

The State Teachers College at Fitchburg offers:

1. Three courses leading to degree of Bachelor of Science in Education

   Elementary Course
   Junior High Course
   Industrial Arts Course

2. Graduate Courses leading to degree of Master in Education

3. Summer School courses

The Elementary Four Year Course is designed for students who wish to teach in grades one to six. The curriculum is the same for the first two years of the Elementary and the Junior High School courses . The choice of either course is made at the close of the second year. Students are helped in making this choice by actual contact with classroom work in several grades in the training school. A faculty guidance committee assists students in making their choice of curriculum.

An increasing number of school systems are adopting the single salary schedule which provides the same salary to teachers of equal preparation regardless of the grade in which they teach.

During the past several years there has been an increasing demand for young men who have specialized in teaching in the upper grades of the elementary schools. Elementary School Principals are glad to have one or two men in their buildings who, in addition to teaching, can direct physical education programs for young boys. This elementary school teaching experience is valuable preparation for positions as elementary school principals.

The Four Year Junior High School Course is designed for students who wish to teach in grades 7, 8, and 9.

MAJOR OBJECTIVES

I. To prescribe adequate courses in the professional field of education and specialized courses dealing with junior high school problems.

II. To prescribe a wide range of background courses in subject matter fields.

III. To provide for the developing and strengthening the personal and social equipment of the teachers.

The One Year Course for College Graduates leading to degree of Master in Education is designed to prepare college graduates for teaching in Junior and Senior High Schools. The first semester is spent in study at the college. The following program is subject to change.

Course No.	Subjects	Periods	Sem. Hrs.
4	Principles of Teaching and Training School Participation and Special Methods	126	6
6	History and Principles of Education and Ethics	54	3
7	Junior High School Organization	36	2
2	Psychology of Education	54	3
	Special Field Subject English, History, Geography, Mathematics, or Science	72	4
			18

The second half year is spent teaching in nearby towns and cities in Junior High Schools or in High Schools. The students report to the College for the following courses:

Subjects	Sem. Hrs.
Tests and Measurements	2
Elective	2
Training Conference	0
Teaching Practice	12
	16

The Four Year Practical Arts Course is designed to prepare men to teach general and unit shop work in Junior and Senior High Schools and in the general vocational schools.

The secondary aims of this course are to train selected groups of students:

1. To teach related studies in junior and senior high schools and in the general vocational schools.
2. To teach shop work in special classes.
3. To teach combinations of two or more of the above types of work.

I. Principles Underlying The Shop Courses

A. Units of learning are acquired by the production of articles which meet individual and social needs. Such articles must be well constructed and pleasing in appearance. Articles are produced with speed and accuracy up to a degree consistent with desirable educational attainments. The articles are produced in so far as is possible and desirable by employing trade-like principles.

II. The Aims of Shop Work in the Freshman Year

Eight different courses in shop work are required of each student in his freshman year for the following reasons:

1. To guide in the selection of later courses in this department, which are elective.
2. To acquaint students with the activites in the field.
3. To serve as prerequisites to courses given in the years following the Freshman Year.

ELEMENTARY CURRICULUM 128 S. H.

Course No. and Title		Semester Hours			
		1st yr.	2nd yr.	3rd yr.	4th yr.
EDUCATION — 33 S. H.					
1	Introduction to Education	3			
2	Educational Psychology	3			
4	Principles of Teaching and Special Methods			6	
5	Educational Measurements				3
6	History of Education and Ethics				3
8	Practice Teaching			12	
9	Social Ethics	1			
20	Rural Education				2
ENGLISH — 26 S. H.					
70	English 70	5			
71	American and English Literature		8		
72	Psychology and Material of Reading		6		
73	Language and Spelling			4	
74	Contemporary Literature			3	
SOCIAL SCIENCE — 27 S. H.					
102	Human Geography	3			
106	Regional Geography East and West		4		
103	Economic Geography				3
100	History of Civilization	3			
109	American History and Citizenship Problems		4		4
104	Sociology				3
105	Economics				3
SCIENCE and MATHEMATICS-16 S. H.					
150	Biology I	3			
176	Survey of Physical Sciences		3		
174	Biology II		1		
153	General College Chemistry				2
151	Mathematics	3			
175	Arithmetic		3		
186	Nature Study		1		
ARTS — 12 S. H.					
211	Arts I	1			
212	Correlated Art Activities		2		
213	Art II			1	
214	Art III				2
207	Chorus	1			
208	Music-Elementary Theory	1			
209	Teaching Music in the Elementary Schools			1	

210	Appreciation of Music				2
215	Functional Handwriting	½			
216	Teaching of Functional Handwriting			½	
	PHYSICAL EDUCATION — 8 S.H.				
254	Hygiene	2			
250-251	Physical Education I-II	2	2		
252	Physical Education III			2	
	LIMITED ELECTIVES — 6 S.H.				
	One of the following				3
81	Modern Poetry and Drama				
82	Diagnostic and Remedial Reading				
256	Adult Recreation and Playgrounds				
218	Applied Art				
	One of the following				3
79	Speech Arts				
185	Diagnostic and Remedial Arithmetic				
21	Mental Hygiene				
217	Advanced Music				

ELEMENTARY CURRICULUM
SEMESTER ARRANGEMENT

Freshman Year — 1st Semester

Course	Title	Clock Hrs.	Sem. Hrs.
1	Introduction to Education	4	3
9	Social Ethics	1	1
* 70	English 70	5	5
100	History of Civilization	3	3
211	Art I	2	1
207	Chorus	1	½
* 250	Physical Education	2	1
254	Hygiene	2	2
Total		20	16½

Freshman Year — 2nd Semester

Course	Title	Clock Hrs.	Sem. Hrs.
2	Educational Psychology	3	3
* 215	Functional Handwriting	1	½
102	Human Geography	3	3
150	Biology I	4	3
* 151	Mathematics	3	3
* 208	Music I	2	1
250	Physical Education	2	1
207	Chorus	1	½
Total		19	15

* Students not up to standard in achievement as indicated in standard tests are required to spend additional periods with the instructor for remedial work

Note—The work of the first year alternates between two sections of the entering class, one half of the class taking the work of the first semester in September, and one half taking the work of the second semester.

Sophomore Year — 1st Semester

Course	Title	Clock Hrs.	Sem. Hrs.
71	English and American Literature to 1800	4	4
72	Psychology and Materials of Reading (Grades I-III)	3	3
106	Regional Geography East and West	4	4
176	Survey of Physical Sciences	5	3
212	Correlated Art Activities	2	1
251	Physical Education	2	1
174	Biology II	2	1
Total		22	17

Sophomore Year — 2nd Semester

Course	Title	Clock Hrs.	Sem. Hrs.
71	English and American Literature 1800-1900	4	4
72	Psychology and Materials of Reading (Grades IV-VIII)	3	3
109	American History and Citizenship Problems	4	4
175	Arithmetic	3	3
212	Correlated Art Activities	2	1
251	Physical Education	2	1
186	Nature Study	2	1
Total		20	17

*Junior Year — 1st Semester A

Course	Title	Clock Hrs.	Sem. Hrs.
4	Principles of Teaching, Training School Participation, Special Methods	7	6
74	Contemporary Literature 1900 to Present	3	3
73	Language and Spelling	4	4
209	Music II	2	1
213	Art II	2	1
216	Teaching of Functional Handwriting	1	½
252	Physical Education and Methods	3	2
Total		22	17½

*Junior Year — 2nd Semester B

Course	Title	Clock Hrs.	Sem. Hrs.
8	Training	30	12

Senior Year — 1st Semester C

Course	Title	Clock Hrs.	Sem. Hrs.
6	History of Education and Ethics	3	3
104	Sociology	3	3
210	Music III	2	2
125	Nationalism and Internationalism	4	4
153	General College Chemistry	4	2
	Limited Elective (One)	3	3
81	Modern Poetry and Drama 1900 to Present		
82	Diagnostic and Remedial Reading		

256	Adult Recreation and Playgrounds		
218	Applied Art		
Total		19	17

*Note—At beginning of Junior Year, the class is divided into two sections for practice teaching, to take work in the following order:

Section I

Junior Year	1st Semester A
Junior Year	2nd Semester B
Senior Year	1st Semester C

Section II

Senior Year	1st Semester C
Junior Year	1st Semester A
Junior Year	2nd Semester B

Senior Year — 2nd Semester

Course	Title	Clock Hrs.	Sem. Hrs.
103	Economic Geography	3	3
105	Economics	3	3
214	Art III	2	2
5	Educational Measurements	3	3
20	Rural Education	2	2
	Limited Elective (One)	3	3
185	Diagnostic and Remedial Arithmetic		
21	Mental Hygiene		
29	Speech Arts		
217	Applied Music		
Total		16	16

JUNIOR HIGH SCHOOL CURRICULUM 128 S. H.

Course No. and Title		Semester Hours			
		1st yr.	2nd yr.	3rd yr.	4th yr.
EDUCATION — 35 S. H.					
1	Introduction to Education	3			
2	Educational Psychology	3			
4	Principles of Teaching and Special Methods			6	
3	Psychology of Adolescence			2	
7	Junior High Organization			2	
5	Educational Measurements				3
6	History of Education and Ethics				3
8	Practice Teaching			12	
9	Social Ethics	1			
ENGLISH — 22 S. H.					
70	English	5			
74	Contemporary Literature			3	
71	American and English Literature		8		
72	Psychology and Material of Reading I and II		6		
SOCIAL SCIENCE — 24 S. H.					
102	Human Geography	3			
106	Regional Geography East and West		4		
100	History of Civilization	3			
109	American History and Citizenship Problems		4		
104	Sociology				3
125	Nationalism and Internationalism				4
105	Economics				3
SCIENCE and MATHEMATICS — 14 S. H.					
150	Biology	3			
151	Mathematics	3			
175	Arithmetic		3		
176	Survey of Physical Sciences		3		
174	Biology		1		
186	Nature Study		1		
ARTS — 6 S. H.					
211	Art I	1			
212	Correlated Art Activities		2		
207	Chorus		2		
208	Music—Elementary Theory	1			
215	Functional Handwriting	½			
216	Teaching of Functional Handwriting			½	

PHYSICAL EDUCATION — 8 S. H.

254	Hygiene	2		
250 251	Physical Education I-II	2	2	
252	Physical Education III			1

SPECIAL FIELDS — 20 S. H.

	English, Science, or Geography	2	8
	Mathematics, History, or Geography	2	8

SPECIAL FIELDS INCLUDE

ENGLISH

75	Foundations of Language	2 S. H.
76	Comparative Literature	4 S. H.
77	The English Novel—Fielding to Hardy	2 S. H.
78	Shakespeare	2 S. H.

SCIENCE

173	Geology	2 S. H.
177	Entomology I	2 S. H.
157	General College Physics	2 S. H.
178	Entomology II	2 S. H.
153	Chemistry	2 S. H.

MATHEMATICS

180	Business Mathematics	2 S. H.
181	College Algebra	2 S. H.
182	Trigonometry	2 S. H.
183	Analytical Geometry	2 S. H.
184	Calculus	2 S. H.

HISTORY

126	Government	2 S. H.
127	European History—1770-1914	4 S. H.
118	History of Massachusetts	4 S. H.

GEOGRAPHY

131	North America	2 S. H.
132	Europe	2 S. H.
124	Asia	2 S. H.
129	Physiography	2 S. H.
130	Climatology	2 S. H.

JUNIOR HIGH SCHOOL CURRICULUM

SEMESTER ARRANGEMENT

Freshman Year — 1st Semester

Course	Title	Clock Hrs.	Sem. Hrs.
1	Introduction to Education	4	3
9	Social Ethics	1	1
* 70	English	5	5
100	History of Civilization	3	3
211	Art I	2	1

207	Chorus	1	½
* 250	Physical Education	2	1
254	Hygiene	2	2
		—	—
Total		20	16½

Freshman Year — 2nd Semester

Course	Title	Clock Hrs.	Sem. Hrs.
2	Educational Psychology	3	3
* 215	Functional Handwriting	1	½
102	Human Geography	3	3
150	Biology I	4	3
* 151	Mathematics	3	3
* 208	Music I	2	1
250	Physical Education	2	½
207	Chorus	1	½
		—	—
Total		19	14½

* Students not up to standard in achievement are to spend additional periods with the innstructor for remedial work.

Note—The work of the first year alternates between two sections of the entering class, one half of the class taking the work of the first semester in September, and one half taking the work of the second semester.

Sophomore Year — 1st Semester

Course	Title	Clock Hrs.	Sem. Hrs.
71	English and American Literature to 1800	4	4
72	Psychology and Materials of Reading (Grades I-III)	3	3
106	Regional Geography East and West	4	4
176	Survey of Physical Sciences	5	3
212	Correlated Art Activities	2	1
251	Physical Education	2	1
174	Biology II	2	1
		—	—
Total		22	17

Sophomore Year — 2nd Semester

Course	Title	Clock Hrs.	Sem. Hrs.
71	English and American Literature 1800-1900	4	4
72	Psychology and Materials of Reading (Grades IV-VIII)	3	3
109	American History and Citizenship Problems	4	4
175	Arithmetic	3	3
212	Correlated Art Activities	2	1
251	Physical Education	2	1
186	Nature Study	2	1
		—	—
Total		20	17

* Junior Year — 1st Semester A

Course	Title	Clock Hrs.	Sem. Hrs.
4	Principles of Teaching, Training School Participation, Special Methods	7	6
74	Contemporary Literature 1900 to Present	3	3
3	Psychology of Adolescence	2	2
7	Junior High Organization	2	2
216	Teaching Fundamental Handwriting	1	½
252	Physical Education and Methods	2	1
	Special Field	2	2
	Special Field	2	2
Total		21	18½

* Junior Year — 2nd Semester B

Course	Title	Clock Hrs.	Sem. Hrs.
8	Training	30	12

Senior Year — 1st Semester C

Course	Title	Clock Hrs.	Sem. Hrs.
6	History of Education and Ethics	3	3
104	Sociology	3	3
5	Educational Measurements	3	3
	Special Field	4	4
	Special Field	4	4
Total		17	17

* Note—At beginning of Junior Year, the class is divided into two sections for practice teaching, to take work in the following order:

Section I
- Junior Year — 1st Semester A
- Junior Year — 2nd Semester B
- Senior Year — 1st Semester C

Section II
- Senior Year — 1st Semester C
- Junior Year — 1st Semester A
- Junior Year — 2nd Semester B

Senior Year — 2nd Semester

Course	Title	Clock Hrs.	Sem. Hrs.
125	Nationalism and Internationalism	4	4
105	Economics	3	3
	Special Field	4	4
	Special Field	4	4
Total		15	15

PRACTICAL ARTS CURRICULUM 128 S. H.

Course No. and Title		Semester Hours			
		1st yr.	2nd yr.	3rd yr.	4th yr.
EDUCATION — 30 S. H.					
9	Social Ethics	1			
2	Educational Psychology	3			
3	Psychology of Adolescence			2	
5	Educational Measurements		2		
6	History of Education and Ethics				3
12	Introduction to Practical Arts	2			
14	The General Shop		2		
13	Teaching of Industrial Arts			2	
22	Problems in Conducting Industrial Arts		2		
23	Guidance and Secondary Education				3
8	Practice Teaching			8	
ENGLISH — 10 S. H.					
70	English	5			
74	Current Literature				2
80	Literature and Composition				3
SHOP — 48 S. H.		16	16	10	6
	See Course Numbers and Descriptions under Practical Arts Courses				
SOCIAL SCIENCE — 12 S. H.					
100	History of Civilization		3		
133	Industrial History and Geography			3	
104	Sociology		3		
105	Economics				3
SCIENCE and MATHEMATICS — 14 S. H.					
151	Mathematics I	3			
151	Mathematics II		3		
157	Physics			4	
153	Chemistry				4
ELECTIVES — 9 S. H.				6	3
PHYSICAL EDUCATION — 5 S. H.					
254	Hygiene	2			
250A	Physical Education	2			
251A	Physical Education		2		

PRACTICAL ARTS CURRICULUM

SEMESTER ARRANGEMENT

Freshman Year — 1st Semester

Course	Title	Clock Hrs.	Sem. Hrs.
9	Social Ethics	1	1
2	Educational Psychology	3	3
12	Introduction to Industrial Arts	2	2

Practical Arts Building

250A	Physical Education	2	1
254A	Hygiene	1	1
	Shop	16	8
Total			16

Freshman Year — 2nd Semester

Course	Title	Clock Hrs.	Sem. Hrs.
70	English 70	5	5
151	Mathematics I	3	3
250A	Physical Education	2	1
	Shop	16	8
Total			17

Sophomore Year — 1st Semester

Course	Title	Clock Hrs.	Sem. Hrs.
12	Organization of Industrial Arts	2	2
100	History of Civilization	3	3
151	Mathematics II	3	3
251A	Physical Education	2	1
	Shop	16	8
Total			17

Sophomore Year — 2nd Semester

Course	Title	Clock Hrs.	Sem. Hrs.
5	Educational Measurements	2	2
13	Teaching of Industrial Arts	2	2
104	Sociology	3	3
251A	Physical Education	2	1
	Shop	16	8
Total			16

* Junior Year — 1st Semester A

Course	Title	Clock Hrs.	Sem. Hrs.
133	Industrial History and Geography	3	3
157	Physics	6	4
	Practice Teaching		8
Total			15

* Junior Year — 2nd Semester B

Course	Title	Clock Hrs.	Sem. Hrs.
3	Psychology of Adolescence	2	2
14	General Shop	2	2
394	Design	2	2
	Practice Teaching		8
Total			14

* Senior Year — 1st Semester C

Course	Title	Clock Hrs.	Sem. Hrs.
80	Literature and Composition	3	3
105	Economics	3	3
	Electives	6	6
	Shop	8	4
Total			16

* Note—At the beginning of Junior Year, the class is divided into two sections for practice teaching, to take work in the following order:

Section I

Junior Year	1st Semester A
Junior Year	2nd Semester B
Senior Year	1st Semester C

Section II

Senior Year	1st Semester C
Junior Year	1st Semester A
Junior Year	2nd Semester B

Senior Year — 2nd Semester

Course	Title	Clock Hrs.	Sem. Hrs.
74	Contemporary Literature	2	2
6	History of Education and Ethics	3	3
23	Guidance and Secondary Education	3	3
153	Chemistry	6	4
395	Design	2	2
	Electives	3	3
Total			17

COURSES

EDUCATION

President Herlihy
Dean Bradt
Mr. Anthony
Mr. MacLean
Mr. Carpenter
Dr. Percival

Course Numbers and Descriptions

1. Introduction to Education **3 S. H.**

Origin and development of schools; purposes of education; organization and administration of schools at the different levels, types and kinds of schools; the child to be taught; the learning process; teaching procedures; the curriculum and courses of study; equipment and qualifications of teachers.

2. Educational Psychology **3 S. H.**

Introduction to literature of this field; lectures, assigned readings, demonstrations, learning experiments; emphasis laid upon the results of scientific research and experimentation; simple statistical operations; introduction to the slide rule.

3. Psychology of Adolescence **2 S. H.**

An analytical study of the causes of social and emotional immaturity; case studies are drawn from clinics as well as from the writings of Ibsen, Galsworthy, Bennett, Parrish and others; methods of dealing with people of all ages who are unusually immature.

4. Principles of Teaching, Training School Participation and Special Methods **6 S. H.**

Fundamental types of learning and teaching; teacher activities, pupil activities; interest, activity, and apperception in learning; preparation for teaching and lesson planning; types on units and unit procedures; techniques and materials in the specific subjects.

5. Educational Measurements **3 S. H.**

Study of the new-type or objective tests of school achievement and of mental ability; elements of statistics including a few problems in correlation; emphasis placed upon the care that must be exercised in the interpretation of test scores; some attention given to the 1937 revision of the Stanford-Binet Tests; working knowledge of the slide-rule, begun in the Freshman year completed in this course.

6. History of Education and Ethics **3 S. H.**

An outline of the historical development of the general theory of education; attention given to the adaptation of the

aims of education to the state of society in the significant eras of world history; careful study is made of the beginning of common school education in the seventeenth and eighteenth century. The course aims to help the student to understand the fundamental principles of education that differentiate the American public schools from other systems; ethical conduct as individuals and as members of the teaching profession.

7. Junior High School Organization **2 S. H.**

Familiarizes students with the current aims and procedures in the junior high school. Considers such topics as: the junior high school movement; the program of studies; aims in subject matter fields; departmentalization; promotions; the home room; socialized procedures; guidance; pupil participation in government; clubs; discussions, reports of assigned readings, trips.

8. Practice Teaching **12 or 8 S. H.**

18 weeks, full time, spent in teaching in the training school by students in Elementary and Junior High Departments. 18 weeks, excepting 6 semester hours in college classes, spent in the training school by students in the Practical Arts Department. For description see Practical Arts Courses.

9. Social Ethics **1 S. H.**

Problems of orientation to college life including: methods of study, attitude and control of attention, note taking, mental health, development of wholesome personality, student's interests and abilities, life goals and values. Reports of assigned readings; group discussions; conferences; objective analysis of problems.

12. Introduction to Industrial Arts **2 S. H.**

The study of the objectives and characteristics of industrial arts on the elementary, junior and senior high school levels. The industrial sources from which acceptable subject matter is selected for the making of a curriculum. The lists of learning units for courses of study on different grade levels. Principles involved in the selection of projects and related materials. The organizing of shops and classes.

13. Teaching of Industrial Arts **2 S. H.**

A study of acceptable courses of study, operations and working steps, teaching as a process, learning units and teaching points, principles of learning, selection of methods, the requirements of each part of the lesson, making of lesson plans, observation of lessons, instruction sheets, evaluating the pupil's progress, recording the achievements, the making of session plans.

14. The General Shop **2 S. H.**

A study of the types of shops, the characteristics of the unit and general shops, the advantages of the composite general shops, planning and equipping the shops, organizing and conducting shop sessions, management and discipline, prevention of accidents, pupil assistants, pupil-initiated projects, the opening and closing of the school year.

20. Rural Education **2 S. H.**

Extent and types of rural schools; the building, grounds, and equipment; organizing the classes; making the program; conducting classes and study activities; seat-work materials; the recess and noon period; the rural school as a social and civic center; the teacher in the community.

21. Mental Hygiene **3 S. H.**

Attention is directed to those phases of emotional development, which usually escape the notice of untrained parents and teachers alike. Emotional conditioning in early childhood; case studies, visits to one or more State institutions for the mentally-ill; assigned readings, lectures and reports.

22. Advanced Studies in Industrial Arts **2 S. H.**

A study of the historic periods of industrial arts, status of the subjects in Massachusetts, current trends, the predictable future, the teacher and his profession, master lists of industrial experiences and related studies, organizing the material for presentation, exhibitions of products and related results, types of vocational education and their justification, the general vocational school.

23 Guidance and Secondary Education **3 S. H.**

Guidance, its organization and administration in the secondary school system. The effect of changing social, industrial and economic life on the objectives, organization and curriculum of the junior and senior high school. Extra-curricular activities and their guidance function.

ENGLISH

Miss McCarty
Miss McConnell

Miss Hassell
Miss Nixon

70. English 70 **5 S. H.**

Oral Composition.

A study of the nature and fundamentals of speech, bodily expression, production and characteristics of voice, speech sounds, good English diction, importance and value of story

telling, qualities and development of conversational ability, choric speaking, tests to measure standards of achievement.
Written Composition—Sentence construction with attention to functional grammar, logical relationships, and punctuation; the use of accurate and specific words; rhetorical principles illustrated by literary models and student themes, organization of materials; writing themes, mainly expository; individual conference.
Library Service—Reference materials in general, card catalog,

A. Reader's guide; Special field of Education, selection and classification of books, government documents, bibliographies and illustative materials.

B. School libraries as laboratories in carrying out objectives of educational program, their administration, teacher's responsibility in guiding library policy.

71. English and American Literature—Beowulf to Present Day **8 S. H.**

A General survey of the representative classical literature which has influenced the English writers and their works. Also a survey of English and American Literature from Beowulf to modern day writers. Extensive reading from the works of the chief Greek, Roman, English, and American authors. A thorough study of the national life which the literature interprets.

72. Psychology and Material of Reading **6 S. H.**

Includes a study of the correct attitudes, habits, and skills to be developed in oral and silent reading, the grade placement of methods, materials, and problems, tests for measuring achievement, remedial work, the selection and grade placement of the program in children's literature, class room practice in teaching children's literature.

73. Language and Spelling **4 S. H.**

This course includes a study of the fundamental problems of importance in the teaching of oral and written language and spelling, the selection of the items to be taught, the grade placement of the problems, methods and materials to be used, scientific measurement of class and individual pupil accomplishment.

74. Contemporary Literature **4 S. H.**

Reading and critical analyses of representative contemporary types of modern day literature. Much biography and fiction emphasized. The Saturday Review of Literature, book sections of the New York Times and of the New York Herald-Tribune used as a basis for criticism.

75. Foundations of Language **2 S. H.**

An illuminating sketch of our language, a description of the first shape, the foreign influences to which it has been subjected, and of its own inner growth. A thorough review of the working principles of grammar as they are applied to our every-day speech.

76. Comparative Literature of the 19th Century **4 S. H.**

A survey of the prose forms of literature. Examples of stories and fiction from England, France, Russia, Germany, and Scandinavia, and comparisons among them. All assigned readings in English translation.

77. The Novel **2 S. H.**

The origin and development of the English Novel. The reading and the discussing of twenty of the outstanding novels from Fielding to Thomas Hardy and Galsworthy.

78. Shakespearean Tragedy **2 S. H.**

Five of the great tragedies of Shakespeare used for intensive study. The artistic development of Shakespeare stressed as well as the actual content of each drama studied for plot and characterization.

79. Speech **3 S. H.**

A course in which speech is examined and taught as social behavior. Speech as self-expression and social communication stressed. Skill in talking and a clear and imaginative language taught.

80. Literature and Composition **3 S. H.**

Extensive readings in general literature especially in the English and American Literature of the nineteenth century; writing, largely based on reading experiences and vocational experiences and needs with emphasis on the logical and forceful development of ideas.

81. Modern Poetry and Drama **3 S. H.**

Consideration of twentieth century experiments in verse and drama with emphasis on living American and British poets and dramatists. Inheritance from writers of previous times stressed, as are authors and movements in British and American poetry and drama.

82. Diagnostic and Remedial Reading **3 S. H.**

Fundamental principles of reading instruction, specific problems in reading readiness, primary, middle grade, and miscellaneous reading problems. Research methods in determining differences in reading ability, skills and perceptions, reading achievements and habits.

SOCIAL SCIENCE

Mr. Harrington
Miss Webster
Mr. Weston

Dean Bradt
Miss McConnell

100. History of Civilization **3 S. H.**

The story of the development of our common civilization, with emphasis on the special characteristics and contributions of different historic periods and peoples.

102 Human Geography **3 S. H.**

Geographic factors governing man's habitat, relief, climate, soil, natural resources, accessibility; man's response to the factors.

103 Economic Geography **3 S. H.**

Economic interdependence of peoples; sources of raw materials, areas of manufactured production, principal areas of consumption, means of transportation and communication, trade routes.

104 Sociology **3 S. H.**

A study of the makeup of human society, of the forces and principles involved in social activities; the evolution and nature of social institutions; selected social problems.

105 Economics **3 S. H.**

Covers some of the underlying principles of the subject. Such topics as production, consumption, exchange, credit, and investment treated both as to their theoretical aspects and their practical applications in everyday life.

106. Regional Geography East and West **4 S. H.**

Major geographic regions; location, dominant geographic factors; man's utilization of regions.

109. American History and Citizenship Problems **4 S. H.**

An interpretation of American History and the great forces both natural and social which have shaped its course.

118. History of Massachusetts **4 S. H.**

An intensive study of the founding and founders of Massachusetts and of her colonial evolution; her participation in and contribution to national life. The mass of available records concerning this typical society gives an opportunity for first-hand research.

124. Asia **2 S. H.**

Effects of geographic regions upon the development and progress of India, China, and Japan.

125. Nationalism and Internationalism **4 S. H.**

The World War, its background, course and effects; the history of the chief nations, and of international relations, since its close; new types of organization, democratic, fascist, and communist developed in an attempt to meet the urge for security; the struggle for peace; analysis of forces at work and of some outstanding unsolved problems.

126. Government **2 S. H.**

American government in nation, state, and community; comparison with other types of government, real and ideal; analysis of the Constitution; the practice of citizenship, rights duties and problems.

127. European History **4 S. H.**

The old order, and its modification under social and industrial revolution; the Napoleonic interlude and the period of reaction; the rise of the great powers, and the rivalries, economic and political, induced by the development of the new nationalism and imperialism in a world which was becoming an economic unit.

129. Physiography **2 S. H.**

Dynamic forces affecting the surface of the earth; specific ways in which man is influenced by them.

130. Climatology **2 S. H.**

Climatic factors; specific climates.

131. North America **2 S. H.**

Regional study of the continent with emphasis upon the United States.

132. Europe **2 S. H.**

Effects of the geographic regions upon the development and progress of the leading countries.

133. An Introduction to Industrial History and Geography **3 S. H.**

(1) A study of the stages of industrial evolution, illustrated in various historic periods.

(2) A study of selected areas of production and consumption and their economic interdependence.

SCIENCE AND MATHEMATICS

Mr. Smith
Miss McConnell
Mr. Weston
Mr. Randall

150. Biology I **3 S. H.**

Deals with the morphology, physiology, embryology, geological history, habits, crossbreeding, and taxonomy of the lower forms of life. Laboratory exercises and demonstrations. Methods used in teaching.

151. Mathematics **3 S. H. or 6 S. H.**

This course in general mathematics deals with the subject as a unit rather than as a collection of different subjects. The work covers the fields of algebra, trigonometry, analytics, and the introduction to calculus.

153. General College Chemistry **2 S. H. or 4 S. H.**

The principles of the science are considered in connection with the descriptive chemistry of the non-metallic and metallic elements and compounds; the laws and theories of the subject; the more important applications in the home and in the industries. One half of the time is devoted to individual laboratory work and demonstrations.

157. General College Physics **4 S. H.**

The course deals with matter and the physical phenomena —mechanics, heat, light, sound, magnetism and electricity; the important laws and theories of the subject; the common illustrations seen every day in their surroundings and in the industries. It includes lectures, demonstrations and individual laboratory work.

173. Geology **2 S. H.**

A study of the earth; its external and internal structure; the minerals and rocks of which it is composed; the forces now operating upon and within it; its origin and geologic history; the animal and plant types evolved, with emphasis on the geological formations.

174. Biology II **2 S. H.**

Comparative studies of the vertebrates and spermatophytes. Common forms of each phyla emphasized. Units developed on such subjects as variation and heredity, and theory of evolution and the ascent of man.

175. Arithmetic **3 S. H.**

A thorough review of the subject matter of arithmetic

through grade eight with emphasis on underlying principles, fundamental skills and problem solving; modern social and business uses of arithmetic; scientific investigations of grade placement and of children's learning difficulties; evaluation of tests; standard tests.

176. Survey of Physical Sciences **3 S. H.**

A study of some of the fundamental principles of chemistry, physics, geology and astronomy; their application to problems of every day life; their relation to other subjects and the use of this knowledge in general reading and teaching.

177. Entomology I **2 S. H.**

Intensive study of the insect world. Students are required to collect and classify insects to orders and families, and to know the life history, habits, and methods of control of common species.

178. Entomology II **2 S. H.**

Continuation of Entomology I with special emphasis on the economic importance of the more destructive species.

180. Business Mathematics **2 S. H.**

This course will include Mercantile discounts, problems of buying and selling, interest, bank discount, compound interest, periodic or installment payments, insurance, commission, taxes, and problems of trading concerns are treated.

181. Advanced Algebra **2 S. H.**

This course will include such topics as: mathematical induction; the binomial theorem, progressions; logarithms, variations, permutation and combination; probability; and higher equations.

182. Trigonometry **2 S. H.**

This course includes the derivation and use of formulas, solution of right and oblique triangles in plane and spherical trigonometry.

183. Analytical Geometry **2 S. H.**

This course deals with equations and their graphs, the straight line, the circle, the parabola, and the ellipse and the hyperbola.

184. Introduction to Calculus **2 S. H.**

This course is based on a systematic study of different forms of variation, discovers the exact relations between the varying quantities, and devises easy methods of making whatever calculations are necessary. There will be many practical problems in differentiation and integration, including distance, speed acceleration, area, volume, work, falling bodies, etc.

185. Diagnostic and Remedial Teaching of Arithmetic **3 S. H.**

A survey of the scientific studies in teaching arithmetic; criteria for a diagnostic and remedial program; the use of diagnostic tests; techniques in diagnosing children's difficulties; planning remedial work for individuals or for small groups; aids in problem solving.

186. Nature Study **1 S. H.**

A course dealing with the study of plant and animal life as applied to the needs of children. Methods such as projects, field excursions, nature trails, scout achievements. Lesson plans adapted to teaching.

ARTS

Miss Lamprey
Miss Conlon
Mr. MacLean

Miss Eldridge
Mr. Rinehart

207. Chorus Music **1 S. H.**

Development of four part chorus singing; some group voice training and practice in sight reading; opportunity for laboratory work in chorus conducting.

208. Music—Elementary Theory **1 S. H.**

Background course. Theory; sight reading; ear training; elementary conducting; class piano work.

209. Teaching Music in the Elementary Schools **1 S. H.**

Public school methods and materials; observation of training school classes and practice within the group in the presentation of more difficult phases of the subject.

210. Appreciation of Music **1 S. H.**

An attempt, through the presentation and study of various famous compositions of high standard, to develop an understanding of the factors which contribute toward making a musical composition great. Some discussion also of music appreciation in the elementary grades with demonstration lessons.

211. Art I **1 S. H.**

Practice in the use of art principles and skills, using a variety of media on paper. Drawing of simple forms, sketching from observation, developing patterns involving color and design. (first nine weeks)

The application of the above skills on the blackboard covering lettering, solids and surfaces, graphs, their development and use, and illustrative material for use in social studies. (second nine weeks)

212. Correlated Art Activities **2 S. H.**

Based upon understanding of the philosophy of the activity program, a wide variety of materials, tools and processes are used in this active study of functional elementary art.

213. Art II **1 S. H.**

Analysis and organization of fundamentals of subject matter and elementary techniques of teaching art in the elementary school.

214. Art III **2 S. H.**

This course aims to advance the study of line, form, design and color in nature and art. Emphasizes the aesthetic value of beauty and how it is attained in architecture, sculpture, painting, home furnishing, and other arts. Brief survey made of our art heritage from the past.

215. Functional Handwriting **½ S. H.**

A critical analysis of the handwriting problem from the perspective of the student, teacher, professional, non-professional in the light of individual needs. Technical training in the art of cursive handwriting, print-script, speed lettering, at desk and blackboard.

216. Teaching of Functional Handwriting **½ S. H.**

A study of modern trends in the teaching of handwriting-methods, materials, etc. The art of note taking and notebook organizaion. Construction of objectives scales, graphs, diagnostic charts, etc. Survey of significant studies and experiments in handwriting. Continuation of technical training as outlined in Functional Handwriting.

217. Applied Music—Group Methods **3 S. H.**

A course intended to give the student elementary voice and piano training and so facilitate his teaching of songs and playing of simple piano accompaniments. Special problems, such as testing voices, giving and correcting music tests, selecting supplementary material, and planning music programs, will be discussed.Points illustrated from time to time with actual classroom demonstrations.

218. Applied Design **3 S. H.**

Theory of stage design, line, and color; building of stage models; painting of scenery; designing of costumes; make-up; properties; lighting; and stage effects. Aim to give knowledge so the individual may plan and execute settings for assemblies, amateur plays, pageants, and community activities.

PHYSICAL EDUCATION

Miss Bolger Mr. Healy

Courses for Women - Miss Bolger

254B Hygiene **2 S. H.**

Aims to create the right health ideals and to provide as wide a background of scientific information on the factors which influence personal health as the time will allow.

250B Physical Education **2 S. H.**

Developmental activities, including marching and gymnastics, tumbling, stunts, and pyramid building. Introduction to Field Hockey.

Games

(*a*) Material for use in Grade I-VI, progressing from simple rhythms and singing games through those involving elementary skills such as skipping, running and tagging to the beginning of team work.

(*b*) Individual-games involving personal skill and technique, which may be played individually or in small groups.

Tennis

251B Physical Education **2 S. H.**

Advanced activities, including practice, refereeing and coaching of Field Hockey, Soccer, Basketball and Softball.

(*a*) Modern Dance—a practical approach to dance through the awareness of movement as a medium; the fundamentals of dance composition.

Dancing

(*b*) Tap Dancing—the techniques of "buck", "waltz clog", and "soft shoe" time.

(*c*) Character and National Dancing—dance material from various countries, presenting the different characteristic features of technique and music.

252B Physical Education **1 or 2 S. H.**

Method and Integration in Health and Physical Education

(*a*) Theory and practice in the methods of teaching the various types of rhythm games, folk dances, and formal work used in the Elementary School.

(*b*) Methods and principles of health teaching in the Elementary School. Consideration will be given to (1) state laws relating to health; (2) the place of health in the curriculum; (3) cooperation of parents and outside agencies; (4) methods of health instruction.

(*c*) Practice in Archery, Golf, and Badminton.

256. Adult Recreation and Playgrounds **3 S. H.**

Philosophy and psychology of play and its place in education and development of the child. Administration, aims, and purposes of playgrounds and the playground as a social center.

Courses for Men - Mr. Healy

254A Hygiene **2 S. H.**

A course to help each student develop high standards of health care and health behavior both in the home and classroom. Hygienic facts applied to everyday problems of living.

250A Physical Education **2 S. H.**

First semester — Soccer

Description and actual participation in the various skills, both offensive and defensive. The technique of execution, use, advantages and disadvantages, and common faults to be aware of. Proper exercises and training for this sport.

Second semester — Basketball, Baseball, Track

The theory of and active competition in each sport. Both general and detailed information in all types of play, combined with a study of the methods of teaching.

251A Physical Education **2 S. H.**

Second year — First semester

Football

Detailed study and training of both offensive and defensive tactics found in the Warner System, single and double wing back formations. Positions observed individually under all conditions and the technique of play for each advanced. Special attention given to making the play fit the material.

Hockey, Volleyball, Softball

Treatment of the essential rudiments for each sport. Offensive and defensive techniques studied in each case. Discussion on proper equipment and officiating.

Second year — Second semester

Tennis, Golf, Rifle

Offering games and sports which can be entered into by all, developing recreational aptitudes for the adult stage. The

fundamental principles of each game advanced. An opportunity to apply these fundamentals in actual participation also offered.

252A Physical Education **3 S. H.**

Playground and Coaching

Playground—Games, exercises and sports for individual and group instruction. Particular attention being laid upon the supervision of playground activities.

Coaching—A study of coaching methods from the point of view of psychology. Stress laid upon the building of personalities as well as special skills. The supervision of intra-mural programs also emphasized. Term papers on the psychological aspect in coaching various sports also required.

Methods

PRACTICAL ARTS COURSES

Mr. Anthony
Mr. MacLean
Mr. Landall
Miss Conlon
Mr. Hague
Mr. Purinton
Mr. Hammond

354 Teaching Practice (Required) **8 S. H.**

A study of applying in practice and under supervision the principles of teaching and conducting industrial arts, the presentation of constructional and related types of work, the selecting of projects that will afford pupils the learning experiences that are listed in the course of study, practice in the management and control of classes, the preparing, revising and using of lesson, session plans, and instructional aids, the evaluating of results and recording the standing of pupils.

Between their sophomore and junior year students are required to take the four weeks course in July at the Teachers College in Fitchburg. This course is devoted to the work of the new general vocational schools. The work is conducted by the State Division of Vocational Education which grants credits to the students for completing the course.

410 General Drawing I (Required) **2 S. H.**

An exploratory course for the study of fundamental principles involved in projection, auxiliaries, revolutions, sections and dimensions. Blackboard drawing, by the student, as well as the use of the drawing board will be used to develop an understanding of the above principles. Lectures and demonstrations will supplement class work.

Palmer Hall

Miller Hall

411 General Drawing II (Elective)

Prerequisite: General Drawing I

Advance work placing emphasis on the development of skill and the application of drawing principles. Intersections, penetrations, true lengths and triangulation. Work supplemented by lectures and class assignments.

412 Architectural Drawing I (Elective) 2 S. H.

Prerequisite: General Drawing I

A study of the fundamental elements of construction emphasizing the following: footing, foundations, sill and cornice construction, windows, stairways lettering and its application to architectural drawing.

413 Architectural Drawing II (Elective) 2 S. H.

Prerequisites: General Drawing I, Architectural I

The modern home, the lot, the house and its location. Includes development of drawings and details of a modern house. Laws and ordinances governing building.

414 Architectural Drawing III (Elective) 2 S. H.

Prerequisites: General Drawing I, Architectural I, II

Study of the development of New England domestic architecture. Plans, details, sketching and rendering applied to an advanced individual problem in Architecture.

415 Machine Drawing I (Elective) 2 S. H.

Prerequisite: General Drawing I

Drawing of standard machine parts involving the use of screw threads, fits and finishes. Use of tabular and formula material, detail and assembly drawings. Supplementary assignments, lectures and visits provide study of technical and occupational data in fields of machine drawing.

416 Machine Drawing II (Elective) 2 S. H.

Prerequisites: General Drawing I, Machine Drawing I

The design and development of an individual problem in detail and assembly. A study of the transmission of power through cams and gears. Reproduction of drawings by blueprint, brown and purple ozolid, black and white as related to field of drawing. (Alternate years)

417 Organization and Administration of Drawing (Elective) 2 S. H.

Prerequisites: General DrawingI, Architectural I, Machine Drawing I

A course designed for those majoring in General Drawing. The teaching of drawing based on the following headings: analysis of the field of drawing, objectives, general methods,

recitations, examinations and quizzes, problems, grades and course, texts and teacher preparation. Equipment, selection, buying, and layout.

(Alternate years beginning fall 1935)

418 Sketching (Elective) 2 S. H.

A study of the principles of perspective and pictorial representation as applied in the use of pencil, pen and ink, charcoal, and wash.

361 General Woodwork I (Required) 2 S. H.

This course includes the fundamental processes of woodworking and upholstery, Tools and their uses, trade principles, and suggestive projects. Related information including science, trade terms, technical mathematics, occupational studies, and instruction sheets.

360 General Woodwork II (Required) 2 S. H.

Prerequisite: General Woodwork I

Continuation of General Woodwork I. Emphasis is placed upon the design and construction of projects suitable for the junior high school. Introduction to woodturning, patternmaking and its application to foundry work. Use and care of woodworking machinery, safety devices and first aid.

362 Cabinet I (Elective) 2 S. H.

Prerequisites: General Woodwork I, II

Principles of construction, hand-tools and machine processes. Studies in making layouts, stockcutting bills, and instruction sheets. Assembling, joints, proper fastenings, and preparing for finish. Working properties and strength of common materials. Study of furniture woods. Importance of trade and opportunities of employment.

363 Cabinet II—Millwork (Elective) 2 S. H.

Prerequisites: General Woodwork I, II. Cabinet I

Course is based upon factory plan of production work, involving routing procedures, working with rods, jigs, etc. Proper sequence of tools, and machine operations. Related information on materials, tools, and machinery. The analysis of projects and the development of instruction sheets.

364 Cabinet III (Elective) 2 S. H.

Prerequisites: General Woodwork I, II. Cabinet I, II

A study of proportions, materials, styles and consumer values in connection with the construction of furniture by hand and machine methods. An application of inlay, molding, turning and carving as a means of enriching surfaces.

365 Cabinet IV (Elective) **2 S. H.**

Prerequisites: General Woodwork I, II. Cabinet I, II

A reproduction of colonial and modern types of furniture, including inlay, marquetry and veneer work. Grace of line, good proportions and substantial construction. Aims, ideals, customs, and appreciation of American designers and cabinet makers. Responsibility and initiative placed upon students. Advanced problems to be selected by the student to meet instructor's standards.

366 Carpentry I (Elective) **2 S. H.**

Prerequisites: General Woodwork I, II

A study of house construction. A course covering tool operations, materials and joinery. The ability to judge essential features of construction and selection of building material in order to safeguard investment. Observation and inspection of buildings. The study of joints, wood, board measure, saw filing, and the application of hardware.

367 Patternmaking I (Elective) **2 S. H.**

Prerequisites: General Woodwork I, II. Cabinet I

A study of the principles of castings in lead, iron, brass and aluminum. Materials and the construction of patterns involving allowance for draft, shrinkage, finish, warp and shake. Typical examples of layout, corebox construction, horizontal and vertical coring, pattern turning and finishing. Field trips.

368 Woodworking Administration (Elective) **2 S. H.**

Prerequisites: General Woodwork I, II. Cabinet I, II

A study of woodwoking industry in relation to the schools. Detailed study of woodworking equipment and supplies from the viewpoint of selection, purchasing and cost. Considerations affecting the selection, arrangement, and installation for given conditions. Specifications for purchasing and installation. Problems of upkeep and repair of equipment.

369 Co-operative Woodworking (Elective) **2 S. H.**

Prerequisites: General Woodwork I, II. Cabinet I, II

Full time is devoted to practical production of work in the shop and may include any type of work. The time may follow an irregular program as approved by the instructor. Only those capable in woodworking are approved.

370 General Metal (Required) **2 S. H.**

A general metal working course involving bench metal and sheet metal work. Study of materials, tools, and processes as care of tools, equipment, and safety precautions.

371 Machine Shop I (Elective) **2 S. H.**

A study of the construction and operation of the lathe, the milling machine, and the drill-press with the necessary calculations to obtain correct speeds and feeds for various metals. Information on shaping, grinding, and setting cutting tools. Selected projects with related technical information include straight turning, taper turning, knurling, facing, and thread cutting.

372 Machine Shop II (Elective) **2 S. H.**

Prerequisite: Machine Shop I

A study of instructional material, organization, shop lay-outs, and equipment for teaching shop practice and related technical information. Shop practice includes planing, milling, grinding, and advanced lathe work.

373 Machine Shop III (Elective) **2 S. H.**

Prerequisite: Machine Shop II

A continuation of Machine Shop II. Shop work includes problems in tool making and advanced machine work. Problems selected to meet the individual needs of the student.

374 Sheet Metal I (Elective) **2 S. H.**

Units of work emphasize the selection of suitable projects for the school shop. A study is made of machines, tools, materials, common seams, methods of forming and fastening sheet metal. Practice is given in laying out patterns, soldering, making lap, grooved, double, clip and boxcorner seams.

375 Sheet Metal II (Elective) **2 S. H.**

Prerequisites: General Metal I and Sheet Metal I

A continuation of Sheet Metal I. Includes the organization of materials and shop equipment for teaching sheet metal work. Shop work includes advanced problems in layout and construction of irregular sheet metal fittings.

376 Bench Metal I (Elective) **2 S. H.**

Prerequisites: General Metal I

A study of the properties, chemical make-up, and suitability of various metals for constructional purposes. Shop practice in filing, drilling, reaming, riveting, cutting, threads, tapping, forming, brazing, forging, tempering, and welding.

378 Art Metal (Elective) **2 S. H.**

Units of work emphasize the selection of suitable projects for junior and senior high schools, and include piercing, etching, raising, hard soldering, spinning, and coloring. Projects are constructed of copper, brass, aluminum, and nickel silver.

379 Electricity (Required) **2 S. H.**

A course in the essentials of electricity. The problems cover the fundamentals of two wire circuits, which are applied to signal wiring, elementary lighting circuits, and repairs of electrical devices in the home.

394 Co-operative Metal Work (Elective) **2 S. H.**

Prerequisites: General Metal I and Machine Shop I

Full time is devoted to practical production work in the shop and may include any type of work. A total of 15 hours per week is required. Program to be arranged with the instructor.

380 Printing I General Exploratory (Required) **2 S. H.**

A study of fundamentals of printing for the purpose of acquainting beginners with the general nature of the work. Divided between shop practice and supplementary related and occupational information. Shop work includes elements of composition, stonework, proof-reading, and the platen press work. Emphasis is placed upon educational and professional objectives.

381 Printing II General Printing (Elective) **2 S. H.**

Prerequisite: Printing I

Continuation of Printing I. Problems in display composition, platen press work and other operations which contribute to finished products in printing. Typical projects as an introduction to commercial jobs. A study of type faces, elements of design, trade practices and standards. Supplementary lectures and reference assignments.

382 Printing III General Printing (Elective) **2 S. H.**

Prerequisites; Printing I, II

Continuation of Printing I and II for purposes of developing craftsman skill and a broader knowledge of shop practices. Advanced problems in composition, stonework, and presswork, together with a study of materials and processes. The foremanship system is used. Supplementary lectures, reference assignments and visits to industrial plants.

383 Printing IV Printing Design (Elective) **2 S. H.**

Prerequisites; Printing I, II, III

A study of typographic design and its application to practical problems. Includes proportion, balance, harmony, grouping, color and ornamentation. Application in job layouts and type composition. Part of course devoted to block carving and printing. Time divided between lectures, laboratory, and shop practice.

384 Printing V Machine Composition (Elective) 2 S. H.

Prerequisites; Printing I, II, III

A course for those desirng a knowledge of the operation and mechanics of the linotype machine. One hour daily given to a study of machine mechanism and care. One hour for operating practice. Study of mechanism in class formation. Operating scheduled to meet individual program.

385 Printing VI School Publications (Elective) 2 S. H.

Prerequisites; Printing I, II, III

To equip teachers to supervise school periodicals. School newspapers, magazines, and annuals are studied from the viewpoint of organization and operation. Elements of journalism are studied and their application found in the publication of a college newspaper. The problems of the publication adviser are emphasized.

386 Printing VII Printing Administration (Elective) 2 S. H.

Prerequisites; Printing I, II, III

Includes an analysis of printing industry and its relationship to instructional content for printing courses. A detailed study of equipment and supplies from viewpoint of selection, purchasing, and installing. Shop layouts are studied. Printing organizations, cost systems, and shop management are discussed. Lectures, assigned references and problems.

387 Co-operative Printing (Elective) 2 S. H.

Prerequisites; Printing I, II, III

Offered as a substitute for trade experience. Full time is devoted to practical production work in the shop and may include any type of work. A total of 15 hours per week is required but this time may follow an irregular program, as approved by the instructor.

390 Home Mechanics I (Required) 2 S. H.

A course dealing with the general alterations, replacements, and repairs commonly needed in schools and homes. Units in glazing, refinishing, sharpening, plaster patching, electric appliance repair, form making and cement work, and rope work. Study made of the materials and the industries they represent.

391 Home Mechanics II (Elective) 2 S. H.

Prerequisite; Home Mechanics I

Continuation of Home Mechanics I. New units in plumbing, paper hanging and chair caning offered. A study made of teaching units in this work. Visits are made to industrial plants.

393 Home Mechanics III (Elective) **2 S. H.**

Prerequisites: Home Mechanics I and II

Course includes units in leather, textiles, upholstery, building materials and household hints. Teaching aids and units of work compiled. Opportunity for observation work.

400 Finishing I (Required) **2 S. H.**

Includes the fundamental operations of woodfinishing involved in preparing surfaces, staining, filling, shellacking, varnishing, rubbing, waxing, and polishing. Beginnings also made in mixing of colors and painting. Study of materials and industries.

401 Finishing II (Elective) **2 S. H.**

Prerequisite: Finishing I

Contains experiences in the mixing and applying of water stains, spirit stains, chemical stains, French polishing, lacquer, and enamel. Metal finishing, plastic painting, and spraying introduced and advanced work in color mixing taught.

402 Finishing III (Elective) **2 S. H.**

Prerequisites: Finishing I and II

Polychrome, tiffany, gold leaf work, stenciling, transfer work, graining, strippling, show card work, decoration of interiors, kalsomining. Time allotted for the finishing of individual projects.

394 Design I **2 S. H.**

Study of line, form, design, color and construction to develop understanding and appreciation of art quality as found in the fine and useful arts with emphasis upon creative industrial design.

395 Design II **2 S. H.**

A study in the application of attractive structural and decorative designs to articles to be made in the school shops. The refining of contours, proportions, color combinations and textures. Considerations of the influence of these elements of design on the products of commercial and school shops.

REQUIREMENTS FOR ADMISSION

(Effective September, 1937)

I. Application for admission. Every candidate for admission to a teachers college is required to fill out a blank entitled "APPLICATION FOR ADMISSION TO A STATE TEACHERS COLLEGE" and send it to the president of the teachers college which he desires to enter. This blank may be secured from the principal of the high school or the teachers college and may be filed after January 1 of the candidate's senior year. The blank should be filed by June 1.

II. Blanks to be Filed by the High School Principal. The principal of the high school is expected to fill out two blanks—one giving the "HIGH SCHOOL RECORD" for each year, and the other a "RATING OF PERSONAL CHARACTERISTICS"—and send them to the president of the teachers college.

III. General Qualifications. Every candidate for admission as a regular student must meet the following requirements:

1. Health. The candidate must be in good physical condition and free from any disease, infirmity, or other defect which would unfit him for public school teaching. A statement from the family physician and examination by the college physician are the required evidences of satisfactory health.

2. High School Graduation. The candidate must be a graduate of a standard four-year high school, or have equivalent preparation.

3. Completion of Fifteen Units of High School Work. The "HIGH SCHOOL RECORD" must show the completion of fifteen units accepted by the high school in meeting graduation requirements.

"A unit represents a year's study in any subject in a secondary school, so planned as to constitute approximately one-fourth of a full year of work for a pupil of normal ability. To count as a unit, the recitation periods shall aggregate approximately 120 sixty-minute hours. Time occupied by shop or laboratory work counts one-half as much as time in recitation."

4. Personal Characteristics. The "RATING OF PERSONAL CHARACTERISTICS" and the moral character of the candidate must, in the judgment of the president of the teachers college, warrant the admission of the candidate.

HASTINGS GREENHOUSE AND GARDENS

IV. Scholarship Requirements. Of the 15 units presented for admission, 12 must be selected from the list given under 2, g. of this section and must include the 6 units named in this paragraph as "Prescribed." The additional 3 units required may consist of any work which the high school accepts as meeting its graduation requirements.

Prescribed (6 units)

English	3 units
American History and Civics	1 unit
Mathematics	1 unit
Science	1 unit

1. Certification.

a. The privilege of certification is extended to public and private schools and academies in the State of Massachusetts. The certificating grade is A or B (80 - 100). Units of certification will be determined on the same basis as units of credit, subject to the restrictions of this bulletin.

Admission by certificate alone is granted to candidates who present work of certificating grade in 12 units as follows: six from the prescribed list given under 2, g, following. The number of units offered is subject to the restrictions of 2, f.

The Department of Education reserves the right to withdraw the privilege of certification from any institution when its students fail to measure up to the standards required by the Department. The responsibility of the high school will continue through the freshman year in the teachers colleges.

b. In the case of subjects which continue for two years, the grade for the last year must be A or B in order that both units may be accepted for certification; if the subjects continue for three or four years, the grade for one other year, as well as the grade for last year, must be A or B, in order that 3 or 4 units may be accepted for certification.

In the case of English, only 3 units will be accepted among the required 12 units. A fourth unit of English may be accepted as one of the 3 additional units.

2. Examination.

a. Any candidate whose record does not entitle him to certification for at least 5 units, is required to secure credit by examination for 12 units of work.

b. Any candidate who is a graduate of a high school not entitled to certification may be permitted to secure credit toward admission by passing examinations in subjects evaluating 10 units (prescribed, 6 units; additional, 4 units), provided the 5 other units necessary to make up the 15 units required for admission represent

subjects which the high school accepts as meeting its graduation requirements and in which the candidate has secured grades acceptable to the high school.

c. It is understood that candidates are not to present themselves for examination in subjects not pursued during the last four years of the secondary school.

d. Preliminary examinations may be taken either in June or September by students who have completed the third year in a secondary school in not more than 5 units, other than English.

e. Subject to the admission conditions stated above, credits received in the College Entrance Board Examinations may be accepted for admission.

f. The units must be so distributed that the number offered in any field, including the prescribed units, shall not be more than the following, with the provision that the minimum total amount in any field except Foreign Language shall be 1 unit: Social Studies, 4 units; Science, 3 units; Foreign Language, 4units, no credit accepted for less than 2 units of any one language; Mathematics, 3 units; Commercial Subjects, 2 units; Fine and Practical Arts, 2 units.

g. Examinations will be offered by the teachers colleges in the following subjects:

		Maximum Number of Units in Each Field
English		
English Literature and Composition	3 units	3
Social Studies		
American History and Civics	1 unit	
Community Civics	½ or 1 unit	
History to about 1700	1 unit	
European History since 1700	1 unit	4
Economics	½ or 1 unit	
Problems of Democracy	½ or 1 unit	
Ancient History	1 unit	
English History	1 unit	
Medieval and Modern History	1 unit	
Science		
General Science	½ or 1 unit	
Biology or Botany or Zoology	½ or 1 unit	
Chemistry	1 unit	
Physics	1 unit	3
Physical Geography	½ or 1 unit	
Physiology and Hygiene	½ or 1 unit	
Astronomy or Geology	½ or 1 unit	

Foreign Language		
Latin	2, 3, or 4 units	
French	2 or 3 units	
Spanish	2 units	4
German	2 or 3 units	
Italian	2 or 3 units	
Mathematics		
Algebra	1 or 2 units	
Arithmetic	1 unit	3
Geometry	1 unit	
College Review Mathematics	1 unit	
Commercial Subjects		
Stenography (including Typewriting)	1 or 2 units	
Bookkeeping	1 unit	2
Commercial Geography	½ or 1 unit	
Commercial Law	½ or 1 unit	
Fine and Practical Arts*		
Home Economics	1 unit	
Manual Training	1 unit	2
Drawing	½ or 1 unit	
Music	1 unit	

*In these fields one additional unit may be granted as follows: in Home Economics, Manual Training, Drawing, and Music, to candidates applying respectively for admission to the household arts courses at Framingham, the practical arts course at Fitchburg, the teacher training course at the Massachusetts School of Art, the music course at Lowell.

V. Admission of Students to the Massachusetts School of Art. Students seeking admission to the Massachusetts School of Art, in addition to meeting the regular requirements of admission established for the state teachers colleges, are required to pass an Art Aptitude Test and present evidence of special preparation to enter the Massachusetts School of Art.

For information concerning these additional requirements, applicants are advised to write the President.

VI. Method of Selection of Candidates in case of an Excess of Applicants. If the number of applicants for admission is, on July 1, in excess of the number that the facilities of the teachers college will accomodate, the plan of admission as already stated will be somewhat modified. The scholarship record and the ratings of the personal characteristics of all applicants will be evaluated in accordance with the method stated below. Candidates will then be admitted in the order of their total scores until the capacity of the teachers college has been reached.

(a) Scholarship will be allowed 75 points for 15 units of work.

(b) Personality will be allowed 25 points.

As a basis of computing the total score from the scholarship record, as submitted by the high school principal, a mark of "A" will be given 5 points; "B" 4 points; "C" 3 points; "D" 2 points.

As a basis of computing the personality record, which includes ten characteristics exclusive of health, a mark of "Excellent" will be allowed 2½ points; "Good" 2 points; "Fair" 1½ points; "Poor" 1 point.

VII. Place, Time, and Division of Examination. Entrance examinations may be taken in June and September at any state teachers college (including the Massachusetts School of Art) at the convenience of the applicant. A candidate may take all the examinations at one time or divide them between June and September. It is to be understood, however that the number of applicants admitted as a result of the September examinations is limited to the facilities of the teachers colleges. Permanent credit will be given for any units secured by examination or certification.

VIII. Admission as Advanced Students. A graduate of a normal school or a college may be admitted as a regular or advanced student, under conditions approved by the Department.

SCHEDULE OF ENTRANCE EXAMINATIONS

JUNE 3 AND SEPTEMBER 13, 1937
JUNE 2 AND SEPTEMBER 12, 1938

(Candidates are required to register one-half hour before their first examination)

8:30—10:30 English Literature and Composition.

10:30—12:30 Latin; Commercial Subjects:

Latin	Commercial Geography
Stenography (including Typewriting)	Commercial Law
Bookkeeping	

1:30—4:30 Social Studies:

American History and Civics	Economics
Medieval and Modern History	Problems of Democracy
Community Civics	Ancient History
History to about 1700	English History
European History since 1700	

JUNE 4 AND SEPTEMBER 14, 1937
JUNE 3 AND SEPTEMBER 13, 1938

8:30—10:30 Mathematics:

Algebra	Geometry
Arithmetic	College Review Mathematics

10:30—12:30 Modern Foreign Language:

French	German
Spanish	Italian

1:30—3:30 Science:

General Science
Biology, Botany or Zoology
Chemistry
Physics
Physical Geography
Physiology and Hygiene
Astronomy
Geology

3:30—5:00 Fine and Practical Arts:

Home Economics
Drawing
Manual Training
Music

STUDENTS

September, 1935 to June, 1936

Special Fields indicated by E - English, G - Geography, H - History, M - Mathematics, S - Science.

SENIOR CLASS
Junior High School Course

Disken, Catherine F. (E H)	West Concord	Donahue, Daniel R. (S H)	Worcester
Evans, Esther M. (S M)	Shirley	Hakala, Aarne L. (S M)	Worcester
Falcon, Dorothy F. (E H)	Orange	Heins, Felix (E M)	Fitchburg
Grise, Kathleen (E H)	Chicopee	Lund, Ray J. (M S)	Gardner
Harrington, Lucille (S M)	Groton	McAulay, William (S H)	Leominster
Hill, Mary E. (E H)	West Groton	Murdock, Kenneth A. (S M)	Gardner
Mackey, Edna M. (E M)	Westminster	Ne Jame, Alfred B. (E H)	North Adams
Tarbell, Catherine (S H)	Fitchburg	O'Sheske, Bernard (S G)	Fitchburg
Wartiainen, Aini (S H)	Fitchburg	O'Toole, Peter J. (E H)	Clinton
Wartiainen, Sylvia (S G)	Fitchburg	Pimentel, George A. (S M)	Plymouth
Bowen, Kenneth E. (E G)	Gardner	Purcell, William (E G)	Jamaica Plain
Buono, Carmen T. (E M)	Townsend	Stacevich, John J. (S H)	Fitchburg

SENIOR CLASS
Elementary Four Year Course

Carpentier, Margaret M.	Fitchburg	Sherburne, Frances	Gardner
Collins, Mary L.	Fall River	Souther, Martha	Groton
Cossaboom, Virginia	Worcester	Steeves, Helen	Fitchburg
Cronin, Mary	Worcester	Winstanley, Joice	Attleboro
Dodge, Winifred	Winthrop	Bohmann, Walter	Worcester
Dufort, Mary B.	Leominster	Foley, Frederick	Worcester
Fall, Phyllis	Newton	Gardner George H.	Worcester
Gwynne, Jeanette	Lawrence	Holt, Edwin H.	Fitchburg
Haley, Mary E.	Winchester	Houle, Leo	Worcester
Harris, Dorothy E.	Shirley	Johnson, William	Chicopee Falls
Lanza, Bessie	Leominster	Langevin, Gerald	Worcester
Lee, Alice T.	West Concord	Lawless, Thomas J.	Worcester
Leighton, Anita	Leominster	Culton, Arthur B.	Fitchburg
MacSheehy, Louise C.	Worcester	Sjostedt, Vincent A.	Worcester
O'Connor, Mary A.	Worcester	Wilkinson, Richard S.	Fitchburg
Power, Elizabeth	Gardner		

SENIOR CLASS
Practical Arts Course

Andrews, Charles A.	Worcester	McCue, Everett P.	Worcester
Ardini, Robert J.	East Boston	Miller, Herbert J.	Worcester
Barresi, Angelo P.	Lynn	Naumnik, Stanley A.	Auburn
Beleson, Abraham	Worcester	Patenaude, Hector	Webster
Bono, Ernest	Randolph	Pepi, Raymond	Worcester
Bugbee, Edgar L.	Fitchburg	Sargent, Hollis E.	Spencer
Harris, Alfred W.	Amherst	Spring, Thomas F.	Springfield
Hill, Gordon S .	Methuen	Stach, Edward P.	Taunton
Knowlton, Marshall E.	Grafton	Twombly, Roscoe E.	Southville
Lahtinen, Olavi	Fitchburg		

SENIOR CLASS
Course For College Graduates

Gowdey, Marion W.	Claremont, N. H.	Hawthorne, David J	Fitchburg
Kirby, Phyllis	Fitchburg	Niziankowicz, John M.	Holyoke
Smith, Irene	Fitchburg	Parmenter, E. Carl	Berlin
Bowler, John F.	Ayer	Rhault, Eugene B.	Leominster
Deschenes, Louis M.	Fitchburg	Scanlon, Lawrence H.	Fitchburg
Early, James W.	Fitchburg		

SENIOR CLASS
ELEMENTARY THREE YEAR COURSE

Duker, Hilda	Pittsfield	McNally, Sara J.	Clinton
Duncan, Pearl	Belmont	Pelland, Irene L.	So. Hadley Falls
Eastman, Verna B.	Turners Falls	Pernaa, Ellen K.	Ashby
Gibbs, Elizabeth D.	Orange	Reidy, Anne T.	Worcester
Jalava, Kaino	Ashby	Stratton, Mollie	Millers Falls
Kilcoyne, Mildred	Clinton	Sullivan, Rose T.	Clinton
LaCroix, Rosanna	Leominster	Upton, Doris A.	East Weymouth
Ledgard, Marion	Maynard		

The following students were in attendance for part or all of the college year (1935-1936), but did not return in September, 1936.

JUNIOR CLASS

Garvey, Kathleen (S G)	Worcester	Buckley, Verna D.	Fitchburg
Gravel, Margaret B. (E H)	Ayer	Payea, Lucille	Fitchburg
Roth, Bernhard (E G)	Athol	Miller, James H	Ashburnham

SOPHOMORE CLASS

Gallery, Mabel J. (G H)	Fall River	Copeland, Robert A. Jr.	Townsend
Chamberlain, Edwin J. (M S)	Worcester	Turner, Richard C.	New Bedford
Biros, Edmund W.	Salem		

FRESHMAN CLASS

Caplan, Eunice	Fitchburg	Morin, Francis	Fitchburg
Shields, Edith	Fitchburg	Raisanen, Toimi	Gardner
Lupien, Francis E.	North Grafton	Riggs, Lincoln	Groton
Creed, Donald	Marshfield	Senecal, Albert	Marlboro

SPECIAL STUDENTS

Greenwood, Judith C.	Fitchburg	Gilmartin, Paul	Fitchburg
Sleeper, Elsie S.	Fitchburg	Provenzani, William	Fitchburg
Fillback, Armas	Fitchburg	Sleeper, Lyman	Fitchburg
Gilbert, Clifford	Leominster	Sullivan, Edward D.	Fitchburg

STUDENTS — SUMMER SESSION — JULY, 1935

		Kempainen, Sulo A.	Fitchburg
Adams, Lillian S.	Cromwell, Conn.	Kelly, Marcella	Holyoke
Anderson, Harold K.	Fitchburg	Keyes, Florence A.	Fitchburg
Anderson, Louise C.	Pembroke	Killelea, John E.	Leominster
Angino, Jerry Roger	New Center	Lane, Helen H.	Segreganset
Anglim, Henry F.	Leominster	Leach, Roland M.	Harvard
Antila, Signe	Fitchburg	Luce, Christie Ruth	Dalton
Austin, Harriet A.	Fitchburg	Lynch, Melvin A.	Springfield
Back, Lucia	Waltham	Lyons, Margaret C.	Winthrop
Blaisdell, Jennie P.	Springfield	Macdonald, Catheryn J.	Gloucester
Bolger, Josephine A.	Fitchburg	Maher, Helen	Gt. Barrington
Bowler, Thomas R.	Norwood	Malley, John F.	Hartford, Conn.
Bugbee, Edgar L. Jr.	Fitchburg	Martin, Mary E.	Gt. Barrington
Butler, Harold	Leominster	McAuliffe, Francis T.	Gardner
Campbell, Marion M.	Worcester	McConnell, W. J.	Adams
Cannon, Mary A.	Gt. Barrington	Mears, Evelyn M.	N. Billerica
Carlson, Andrew M.	Worcester	Menard, Elizabeth	Adams
Cawley, Mary Louise	Worcester	Minott, Lucy B.	Halifax
Clark, Eleanor W.	Dalton	Moore, Ethel M.	Danvers
Clay, George W.	Watertown	Morin, Adrienne	Brunswick, Maine
Collver, Margaret E.	Sterling Jct.	Morin, Lucille	Brunswick, Maine
Conlon, Genevieve M.	Fitchburg	Morrison, Lucille	Leverett
Connelly, John J.	Clinton	Nichols, Gardner M.	Hope Valley, R. I.
Corcoran, Lucy F.	Glendale	Neilson, May V.	Stow
Corkum, Hazel E.	Fitchburg	Oakes, Elsie B.	Turners Falls
Corneally, Margaret M.	Halifax	O'Brien, Katherine E.	Worcester
Cushing, Helen B.	Duxbury	O'Donnell, Katherine M.	Holyoke
Daniele, Louis V.	E. Weymouth	O'Gara, Helen	So. Hadley Falls
Dolan, Arthur	Leominster	Oliver, Beulah	Fitchburg
Dolan, Joseph M.	Leominster	Perrault, Alfred	Fitchburg

SUMMER SESSION STUDENTS (CONT'D)

Donovan, C. G.	Fitchburg
Drake, Delmar H.	W. Hartford, Conn.
Driscoll, Adele M.	Fitchburg
Dunn, Lillian M.	Kingston
Ela, Wilmar H.	Millbury
Eldridge, Deane E.	Plymouth
Farr, Helen Lou	Fitchburg
Farrell, Margaret K.	Farnumsville
Fitzgerald, Edward W.	Worcester
Fitzpatrick, Ruth	Fitchburg
Flanagan, Leo B .	Middletown,Conn.
Forrest, Louis O.	Chelmsford
Frank, William H.	Orange
Friberg, Harold A.	Worcester
Gallagher, Eleanor E.	Leominster
Galligan, Nora F.	Dalton
Gammon, Nancy E.	Gloucester
Gearan, Marie M.	Gardner
Gill, Mary E.	Billerica
Gosselin, Robert E.	Springfield
Gray, Myrtle A.	Pepperell
Greer, Ruby M.	Dunstable
Guilfoyle, Catherine	Jefferson
Hardy, Doris E.	Leominster
Healey, John F.	Woburn
Harris, Edwin	Athol
Harriman, Wilfred	Whitinsville
Henderson, James	Fitchburg
Hilyard, Harry	Chelmsford
Hobbs, Jeanette	East Princeton
Holian, Mary E.	Gt. Barrington
Hutchins, Fred B.	No. Tiverton, R. I.
Hynes, Marie C.	Lynn
Innerasky, May M.	Fitchburg
Johnson, Gladys	Northboro
Johnson, Mary	Leominster
Joyner, Sarah	Housatonic
Keith, Evelyn W.	Framingham
Kelleher, Helen E.	Northboro
Perry, Mildred	Lowell
Peters, George P.	Fitchburg
Peterson, Arthur	Worcester
Phillips, George A.	Wollaston
Pierce, Donald D.	Worcester
Pierce, Walter D.	Worcester
Planchet, Paul J. Jr.	Everett
Plunkett, Francis T.	Worcester
Polson, Walter C.	Fitchburg
Proctor, Margaret S.	Lunenburg
Provasoli, John D.	Marlboro
Provenzani, William J.	Fitchburg
Quinlan, Charles Jr.	Fitchburg
Quinn, James P, Jr.	Worcester
Rice, John B.	Marlboro
Roberts, Richard D.	Fitchburg
Rosch, Norman N.	North Adams
Ruane, Katherine	Gt. Barrington
Salak, Otto	Framingham
Shea, Margaret A.	Boxboro
Sheehan, Charles J.	Arlington
Souther, Clifton H.	Fitchburg
Smith, Helen M.	Orange
Smith, Jean B.	Fitchburg
Smith, M. Lillian	Fitchburg
Snow, Helen G.	Fitchburg
Sojka, Anna	Turners Falls
Stannard, Howard L.	Mt. Vernon, N. Y.
Studer, Albert R.	Greenfield
Sullivan, Catherine A.	Fitchburg
Sullivan, Herbert J.	Springfield
Turner, Eva E.	Chester
Turunen Sylvia	Fitchburg
Vallely, Bernardine	Sanford, Maine
Wade, Mary F.	Salem
Walker, Alpheus J.	Cranston, R. I.
West, Julia E.	Brookville
Winfree, Kathleen M.	New Bedford

Summary 1935—1936

SENIOR CLASS	Women	Men	Total
Junior High School Course	10	14	24
Four Year Elementary Course	20	11	31
Practical Arts Course		19	19
Course For College Graduates	3	8	11
Three Year Elementary Course	15		15
	48	52	100
JUNIOR CLASS			
Junior High School Course	17	10	27
Four Year Elementary Course	10	7	17
Practical Arts Course		13	13
	27	30	57
SOPHOMORE CLASS			
Junior High School Course	12	5	17
Four Year Elementary Course	19	7	26
Practical Arts Course		17	17
Three Year Elementary Course	7		7
	38	29	67

SUMMARY (Continued)

FRESHMAN CLASS			
Junior High and Elementary Courses	38	15	53
Practical Arts Course		21	21
	38	36	74
SPECIAL STUDENTS	2	6	8
Total Number of Students	153	153	306
SUMMER SESSION			
Degree Credit Courses	77	59	136
Vocational Division Courses			
1935 1 week	127	307	434
2 weeks	76	41	117
3 weeks	19	34	53
4 weeks	0	34	34
CHILDREN IN SCHOOLS OF OBSERVATION AND PRACTICE			528

STUDENTS

September, 1936 to June, 1937

Special Fields indicated by E - English, G - Geography, H - History, M - Mathematics, S - Science.

SENIOR CLASS
JUNIOR HIGH SCHOOL COURSE

Callanan, Cecelia (E M)	West Acton	Ward, Anne C. (EH)	Fitchburg
Cleaves, Elaine (E H)	Harvard	Whitmore, Barbara (E G)	Fitchburg
Critchley, Ethel (E M)	Fitchburg	Buttrick, Lawrence (E H)	Worcester
Cronin, Eleanor (E G)	Springfield	Collard, Oliver (S M)	Northboro
Dempsey, Alice (E M)	Fitchburg	Kempainen, Alan (S M)	Fitchburg
Fisk, Bessie (E H)	Orange	King, George L. (EH)	Lawrence
Funaiole, Ellen R. (E H)	Townsend	Lavelle, John (E H)	Clinton
Harkness, Marjorie (E H)	Fitchburg	McCaffrey, Donald (S G)	Leominster
Harris, Bettie M. (E H)	Leominster	Norton, Robert J. (S M)	Fitchburg
Johnson, Corinne E. (E H)	Leominster	Peterson, Carl (M S)	Gardner
Papacolas, Pauline (E M)	Clinton	Rouleau, Robert (E H)	So. Lancaster
Salo, Aune R. (E H)	Maynard	Somes, Morris (G H)	Forge Village
Sullivan, Dolores (E M)	Fitchburg		

SENIOR CLASS
ELEMENTARY FOUR YEAR COURSE

Blazo, Deborah	Watertown	Perreault, Viola	Gardner
**Cronin, Mary E.	Worcester	Reidy, Anne T.	Worcester
Cullinan, Dorothy	East Pepperell	Ridgway, Hazel	West Springfield
Duncan, Pearl	Belmont	Sullivan, Rose T.	Clinton
Gay, Martha K.	Springfield	Upton, Doris A.	East Weymouth
Griffin, Priscilla	Leominster	Walls, Louise Moore	Pepperell
Jalava, Kaino	Ashby	Buckwold, Donald E.	Ashby
Kilcoyne, Mildred	Clinton	Carey, George E.	Worcester
Knight, Marjorie E.	Gardner	Fove, Paul F.	Lowell
McNally, Sara	Clinton	Mahoney, Joseph	Worcester
Moore, Ruth	Pepperell	McDowell, Gerald	Fitchburg
Parker, Thelma L.	Fitchburg	Rooney, Robert M.	Worcester
Pernaa, Ellen	Ashby		

SENIOR CLASS
Practical Arts Course

Baccaro, Dominic	Maynard	Ladner, Kenneth	Worcester
Caswell, Albert	Natick	Matson, Carl E.	Worcester
English, John H.	Worcester	Moore, Hollis	Watertown
Fava, Mitchell P.	Fitchburg	Roseen, Earl C.	Worcester
Forgues, George W	Worceseter	McNeil, Donald A.	Springfield
Hendrickson, Axel H.	Worcester	Rush, Joseph E.	Forest Hills
Hirst, Howard L.	Leominster		

SENIOR CLASS
Course For College Graduates

Donnellan, Alice	Springfield	Ford, Francis A.	Worcester
Garvey, Madeline E.	Chicopee Falls	Kelly, Thomas J.	Fitchburg
* Hall, Virginia	Winchendon	Keresey, Thomas	Gardner
Arnott, Robert D.	Fitchburg	Weslowe, Lewis J.	Northbridge

SENIOR CLASS
Elementary Three Year Course

Barton, Dorothy M.	Leyden	Goulart, Eleanor M.	Cambridge
Feehan, Alice M.	West Concord	Hyland, Anna C.	Cambridge
Gargulinski, Mary E.	Sterling	Person, Irma E.	Leominster

JUNIOR CLASS
Junior High School Course

Burwick, Marion (E H)	Fitchburg	Tastula, Sipri (S M)	Fitchburg
Clark, Mary L. (E H)	Fitchburg	Waris, Ailie A. (H G)	Fitchburg
Dolan, Dorothy M. (S M)	Fitchburg	Kansanniva, Kalervo (S G)	Maynard
Gallucci, Amelia V. (S. M.)	Fitchburg	Leonard, Bradley W. (E H)	Fitchburg
Hanifan, Mary A. (S M)	Fitchburg	Lytle, Donald, Special, (E. H.)	Worcester
Moriarty, Frances M. (S M)	Fitchburg	MacDonald, Everett A. (S M)	Leominster
Paul, Helen (H G)	Fitchburg	Minnich, Charles H. (S G)	Fitchburg
Parker, Adah R. (E G)	Fitchburg		

JUNIOR CLASS
Elementary Four Year Course

Cassidy, Helen M.	Fitchburg	Maroni, June M.	Fitchburg
Clark, Nellie R.	Montague	Molaghan, Marguerite A.	Fitchburg
Coukis, Dorothy M.	Gardner	Tuttle, Carolyn	South Acton
Dolliver, Lucille	Winchendon	Wiley, Doris G.	Fitchburg
Gage, Ruby E.	Leominster	Bauer, Fred	Dedham
Gould, Dorothy	Boston	Donovan, William J.	Fitchburg
Hamer, Mary J.	Leominster	Glennon, Vincent J.	Worcester
Hoffman, Mary E.	Leominster	Godek, Matthew F.	Fitchburg
Laird, Charlotte	South Acton	Nisula, Leonard	Fitchburg
Leonard, Eva J.	Fitchburg	Savignano, Leonard	Newton
Lovell, Florence A.	Fitchburg	Savoy, Ernest J.	Athol
Mahoney, Helen E.	Stoneham	**Wasink, Walter	Farnumsville
Marcy, Ruth E.	Leominster		

JUNIOR CLASS
Practical Arts Course

Anderson, Stanley A.	Worcester	Jeffrey, John M.	Worcester
Anderson, Joseph W.	Roxbury	King, George W.	Worcester
Busby, Edward A.	Fairhaven	Lacouture, Claude A.	Worcester
Comeau, Emille	Belmont	Owens, Andrew P.	Worcester
Fardy, Worsley	Lexington	Rudenauer, Francis	Belmont
Feindel, Clifford	Methuen	Sylvia, Stannard B.	West Newton
Goodwin, Paul B.	Gloucester	Waring, Paul K.	Holyoke
Hedin, Edwin S.	Shrewsbury		

SOPHOMORE CLASS
Junior High School Course

Carr, Kathryn (E H)	Clinton	Wolfson, Madalyn (E M)	Chicopee Falls
Copeland, Ruth (E H)	Townsend	Bassett Edward M. (S H)	Leominster
Day, Constance (H G)	Leominster	Creamer, Raymond (G H)	Worcester
Disken, Mary (E H)	West Concord	Daniels, Joseph (S M)	Worcester
Hanson, Charlotte (E H)	Orange	Gearan, John (S G)	Gardner
McIntire, Anna (E G)	Gloucester	Guilfoil, John (S H)	Worcester
Mitchell, Beulah (M S)	Westminster	Haire, Paul (S M)	Leominster
Neudorf, Marie (E M)	Cambridge	Macdowell, Robert (E G)	Chester
Richardson, Norma (G S)	Fitchburg	Martilla, Paul (S M)	Worcester
Silverberg, Alice (G H)	Baldwinsville	Moore, Harry (S M)	Worcester
Slattery, Mildred (E G)	Fitchburg	O'Sheasy, Edward (S G)	Worcester
Sleep, Dorothy (E M)	Fitchburg		

SOPHOMORE CLASS
Elementary Four Year Course

Algeo, Alice	Concord	Lyons, Mildred	Worcester
Baldwin, Mary Louise	New Bedford	Matilainen, Helmi	Gardner
Bixby, Edith	West Groton	McAuliff, Helen	Fitchburg
Buckingham, Edith	Groton	McCarthy, Eleanor	Fitchburg
Burke, Margaret	Worcester	Rice, Esther	Fitchburg
Chase, Mary	West Concord	Salmon, Claire	Clinton
Clifford, Anna	Worcester	Scully, Elinor	Leominster
Coombs, Mary	Fitchburg	Sheehan, Elizabeth	South Acton
Cote, Merilis	Gardner	Strand, Evelyn	West Groton
Dormin, Ellen	Leominster	Walsh, Mary	Fitchburg
Gates, Esther	Acton	White, Lois	Fitchburg
Hastings, Rita	Clinton	Wood, Louise	Acton Center
Johnson, Bernardine	Chicopee Falls	Ciavola, Eugene	Clinton
Lanigan, Margaret	Stoughton	Hastings, Aubrey	Fitchburg

SOPHOMORE CLASS
Practical Arts Course

Baker, James	Norwood	Leszuk, Stephen	Worcester
Bercume, Chester	Leicester	Matyosaitis, John	Bedford
Cutler, Joseph	West Groton	Miner, Lloyd	Leominster
Howard, Grover E.	Chicopee	Mitchell, John	Worcester
Houle, Lawrence	Worcester	Murphy, Leonard	Holyoke
Hupper, Robert	Melrose	Pettee, Thornton	Deerfield
Lambert, Henry A.	Methuen		

FRESHMAN CLASS
Junior High And Elmentary Courses

Baldwin, Barbara	Lunenburg*	O'Toole, Clara D.	Clinton
Batterson, Phyllis I.	Fitchburg	Owens, Mary E.	Worcester
Bruso, Viola E.	West Concord	Preston, Edith	Fitchburg
Cleaves, Bernice	Harvard**	Renne, Marion J.	East Rochester, N. Y.
Coolidge, Mildred	West Acton	Schmidt, Virginia R.	Athol
Dempsey, Mary	Somerville	Sears, Dorothy M.	Chicopee Falls
Devecis, Helen	Ashburnham	Shea, Mary E.	Fitchburg
Fisher, Anna B.	Athol	Stonehouse, Ethel	Groton
Franzek, Annie	Groton	Sullivan, Margaret G.	Fall River
Gagnon, Mary	East Pepperell	Tiilikkala, Edith E.	Fitchburg
Gates, Elsie	Ashburnham	Trafton, Eva L.	Leominster
Gaudet, Grace	Fitchburg	Ward, Mary W.	Fitchburg
Gay, Alice	Groton	Whitcomb, Helen V.	Townsend
Gibbons, Mary T.	Clinton	Wintturi, Helvi I.	Westminster
Gibson, Helen M.	Lunenburg	Aldrich, Lester	Winchendon
Hamilton, Margaret V.	Clinton	Aykroyd, Wesley A.	Worcester
Hartnett, Helen	Leominster	Frizzell, Paul	Brattleboro, Vt.
Hazel, Florence A.	South Sudbury	Galbraith, Milo	Northfield
**Hopfman, Marie G.	Clinton	Gearin, Russell F.	Worcester
Hughes, Ruth	West Concord	Houghton, Frank	Fitchburg
Jurga, Ursula	Shirley	Hulbert, Clifton	Worcester
Kenney, Vera M.	Orange	Johnson, Donald E.	Fitchburg
Lafrennie, Ruth A.	Leominster	Killay, Kenneth C.	Fitchburg
Lagsdin, Ruth W.	Cambridge	Lanides, Arthur	Fitchburg
Leighton, Priscilla	Leominster	Luokkala, Francis E.	Fitchburg
McCarthy, Frances	Gardner	Manning Robert C.	East Templeton
Meskinis, Nellie T.	Gardner	Mason, Benjamin B.	Fitchburg
Moran, Ruth	South Ashburnham	Murphy, John F.	Brighton
Moriarty, Mavis	South Hadley Falls	Passios, Thomas	Fitchburg
Nortonen, Helen	Townsend	Vorse, Walter J.	Leominster
O'Connor Mary E.	Fitchburg	Wilson, Robert J.	Fitchburg

FRESHMAN CLASS
PRACTICAL ARTS COURSE

Avadanian, Berge	Watertown	Hill, Howard P.	Methuen
Aykroyd Thomas E.	Hyde Park	Holt, Roger D.	Fitchburg
Braconier, Alfred L.	Brockton	Kosciusko, Henry J.	Auburn
* Carroll, Paul	Greenfield	Loiko, John	Maynard
Colson, Lawrence	Belmont	Love, Fred V.	Chatham
Donnelly, Edward T.	Taunton	Lowe, Raymond	Magnolia
Donovan, William J.	Leominster	Matthews, Parker	Watertown
Downs, Herbert B.	Reading	O'Connell Harry W.	Millers Falls
English, Stanley E.	Worcester	Stanley, Sargent E.	South Portland, Me.
Geddes, Robert W.	Attleboro*	Sweeney, Thomas	Fitchburg
Gittzus, Leo V.	Bedford	Turner, Alfred	Lee
Harrod, Walter	Harvard		

SPECIAL STUDENTS

Davis, Leslie A. S.	Ayer	Rodriquenz, Carmen J.	Fitchburg
Gilmartin, Paul	Fitchburg*	Sleeper, Elsie S.	Fitchburg
Green, Mary C.	Fitchburg	Sleeper, Lyman	Fitchburg
Humphrey, Davis	Fitchburg	Steward, Joseph F.	Hudson
Patterson, Zoe Y.	Dorchester**	Suessbrick, Ruth J.	Fitchburg
Provenzani, William E.	Fitchburg**	Toole, Margaret F .	Fitchburg
* Qualen, Alice	Fitchburg		

* Entered January 25, 1937

** Left during or at end of first semester.

STUDENTS — SUMMER SESSION — JULY, 1936

Alber, Beatrice	Millers Falls	Kutzleb, Clarissa A.	Louisville, Ky.
Anderson, Louise C.	Pembroke	Lakso, Edward A.	Lynn
Angino, Jerry R.	Newton	Lane, Helen H.	Segreganset
Austin, Harriet A.	Fitcburg	Langley, Dorothy M.	Manchester, N. H.
Back, Lucia F.	Waltham	Leach, Roland M.	Harvard
Balch, Hazel E.	New Ipswich, N. H.	Leary, Catherine	Turners Falls
Barnes, Edna	No. Dartmouth	Lovett, Barbara	Hudson
Barnes, Frances N.	Winchendon	Luce, Christie R.	Dalton
Belliveau, Alberta M.	Fitchburg	Lyons, Margaret C.	Winthrop
Bjorkgren, Christine H.	Lexington	Macdonald, Catheryn J.	Gloucester
Blaisdell, Jennie P.	Springfield	Malley, John F.	Hartford, Conn.
Bonardi, George P.	Worcester	Marshall, Rachel M.	Keene, N. H.
Borgman, Fritz E.	Waltham	Martin, Mary E.	Gt. Barrington
Bowler, Thomas R.	Worcester	Masi, Charles R.	Franklin
Bragdon, Joseph	Whitinsville	Moore, Ethel M.	Danvers
Britton, Doris A.	Gardner	Murphy, M. Francis	Turners Falls
Bugbee, Edgar L. Jr.	Fitchburg	Murphy, Margaret J.	Leominster
Bulter, Harold	Pittsburgh, Pa.	Neidel, Howard W.	Easthampton
Buttimore, Frances H.	Winchendon	Neilson, May V.	Stow
Campbell, Marion M.	Worcester	Nelson, Anders	Fitchburg
Carlson, Andrew	Worcester	Newton, Mrs. Ward H.	Athol
Carlson, Florence M.	Boston	Nichols, Gardner M.	Hope Valley, R. I.
Clark, Eleanor	Dalton	Niziankowicz, Olga	Holyoke
Clark, Harold A.	Sharon	North, Loyola	Northfield
Clark, Martha	Fitchburg	Oakes, Mrs. Elsie B.	Turners Falls
Clay, George W.	Watertown	O'Brien, Margaret C.	Fitchburg
Conlon, Genevieve M.	Fitchburg	O'Connor, James T.	Fitchburg
Connelly, John Joseph	Clinton	O'Gara, Helen R.	So. Hadley Falls
Connelly, Mildred E.	Middletown, Conn.	Palmer, Richard B.	Fitchburg
Corcoran, Lucy F.	Glendale	Parker, Helen L.	Winchendon
Cushing, Helen B.	So. Duxbury	Parmenter, Bertha	Athol
Cutting, Abbie E.	Warwick	Pepin, Alice R.	Fitchburg
Dodge, Evelyn C.	Ipswich	Pernaa, T. Mary	Ashby
Driscoll, Adele M.	Fitchburg	Perry, M. Shirley	Gloucester
Drohan, Martha R.	Worcester	Phelps, Helen D.	Montague
Dunn, Lillian M.	Kingston	Pingree, Eleanor	Rowley
Dwyer, Elizabeth	E. Pepperell	Pinnick, Edith L.	Amherst

SUMMER SESSION STUDENTS—1936 (Continued)

Ela, William N.	Millbury
Fancy, Lyman E.	No. Reading
Farrell, Margaret K.	Farnumsville
Fitzgerald, Katherine	Hudson
Flanagan, Leo B.	Somerville
Folsom, Edna	No. Grafton
Forrest, Louis O.	W. Chelmsford
Fosdick, Miriam E.	Fitchburg
Friberg, Harold A.	Worcester
Galligan, Nora	Dalton
Gibbons, Mary M.	Clinton
Gill, Mary E.	Billerica
Gilmartin, Paul D.	Fitchburg
Goodfellow, Florence E.	Fitchburg
Goodspeed, Esther	Fitchburg
Gorman, Charles A.	Medford
Gray, Anna H.	Ayer
Gray, Myrtle A.	Brockton
Greer, Ruby M.	Dunstable
Griffin, Agnes K.	Millers Falls
Guilmette, Vera L.	Athol
Hammond, Marion	Leominster
Hannon, Alice E.	Lawrence
Hayes, Edward P.	Waltham
Henderson, James	Fitchburg
Hilyard, Harry	Chelmsford
Hobbs, Jeanette E.	E. Princeton
Houle, Joseph E.	Worcester
Howes, Carroll V.	Montclair, N. J.
Huff, Hazel M.	Hudson
Innerasky, May	Fitchburg
Hutchins, Fred B.	No. Tiverton, R. I.
Hykkyri, Irja E.	Townsend
James, Sarah	Shirley
Jewett, Grace M.	Leominster
Kapff, Helen	Boston
Keith, Evelyn W.	Framingham
Kelly, Marcella R.	Holyoke
Kelly, Pearl	Greenfield
Polson, Walter C.	Fitchburg
Proctor, Margaret S.	Lunenburg
Provenzani, William J.	Fitchburg
Quinn, James P. Jr.	Worcester
Quinlan, Charles Jr.	Fitchburg
Ray, Susie C.	Athol
Rice, Edson E.	Worcester
Rice, John B.	Shirley
Roberts, Richard D.	Fitchburg
Rodriquent, Carmen J.	Fitchburg
Rolfe, Roland F.	Byfield
Rosch, Norman N.	No. Adams
Russell, Esther	Leominster
Salak, Otto	Framingham
Sawyer, Emily M.	Lawrence
Sheehan, Charles J.	Arlington
Sheen, Estella M.	Athol
Shorey, Madella	Winchendon
Small, Lucy A.	Winchendon
Smith, Evelyn	Dalton
Smith, G. Jean	So. Lancaster
Smith, Helen M.	Orange
Sojka, Anna	Turners Falls
Stannard, Howard L.	Mt. Vernon, N. Y.
Sundberg, Hilding O.	Hamden, Conn.
Sweeny, James J.	Fitchburg
Tait, Margaret H.	Southbridge
Tibbets, Janetta M.	Fitchburg
Tonseth, Margaret	Sterling
Toomey, Mary E.	Gloucester
Trimble, Dorothy V.	Clinton
Vallely, E. Bernardine	Sanford, Me.
Wade, Mary F.	Salem
Watson, Ethelyn	Leominster
Wesolowski, John C.	Northbridge
Wetherbee, Clara	Fitchburg
Whitney, Harry	E. Machias, Me.
Winchester, Mabel	Newburyport
Young, Geneva M.	Brockton

Summary 1936—1937

SENIOR CLASS	Women	Men	Total
Junior High School Course	15	10	25
Four Year Elementary Course	19	6	25
Practical Arts Course		13	13
Course For College Graduates	3	5	8
Three Year Elementary Course	6		6
	43	34	77

JUNIOR CLASS			
Junior High School Course	10	5	15
Four Year Elementary Course	17	8	25
Practical Arts Course		15	15
	27	28	55

SUMMARY 1936—37 (Continued)

SOPHOMORE CLASS			
Junior High School Course	13	10	23
Four Year Elementary Course	26	2	28
Practical Arts Course		13	13
	39	25	64
FRESHMAN CLASS			
Junior High and Elementary Courses	45	17	62
Practical Arts Course		23	23
	45	40	85
SPECIAL STUDENTS	6	7	13
TOTAL NUMBER OF STUDENTS	160	134	294
SUMMER SESSION			
Degree Credit Courses	102	50	152
Vocational Division Courses			
1 week	157	401	558
2 weeks	83	147	230
3 weeks	119	91	210
4 weeks	41	44	85
CHILDREN IN SCHOOLS OF OBSERVATION AND PRACTICE			523

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